

UNIVERSITY OF GLASGOW.

Queen Margaret College
SCHOOL OF MEDICINE FOR WOMEN.

PROSPECTUS FOR SESSION

1909-1910.

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SCHOOL OF MEDICINE FOR WOMEN.



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Queen Margaret College, Glasgow.

QUEEN MARGARET COLLEGE, which in 1893 ceased to be a separate institution, and became the Women's Department of the University of Glasgow, was the result of a movement for the higher education of women begun in Glasgow by Mrs. Campbell of Tullichewan, about 1868. In that and subsequent years, at her request, short courses of lectures were delivered to ladies by Professors Young, Edward Caird, Nichol, and Grant. In 1877, at a public meeting presided over by Principal Caird, the Glasgow Association for the Higher Education of Women was formed, H.R.H. the Princess Louise, Marchioness of Lorne, being its president, and Mrs. Campbell of Tullichewan its vice-president; and arrangements were made for courses of lectures to women on University subjects. These were given, by permission of the Senate, by University Professors in University class rooms; and the Association also rented an office, a class room, and a reading room in St. Andrew's Halls. In 1883 the Association was incorporated (under the Companies' Act) as a College, which was named "Queen Margaret," after Margaret of Scotland, the wife of Malcolm Canmore, and the earliest patroness in Scotland of literature and art. The College was governed by a council of twenty-one members, two of whom were appointed by the Senate of the University. The classes were organised on University lines, and the subjects for the M.A. course were taught, though degrees were not then open to women.

In 1883, shortly after the incorporation of the College, Mrs. Elder, widow of the eminent shipbuilder and engineer, John Elder, generously offered to the Council as a gift the buildings and grounds now known by the name of Queen Margaret College, on condition that £20,000 should be raised as an endowment fund and provision for carrying on the work of the College. In 1884 the classes were removed thither, and steps were taken for raising the endowment fund stipulated for. In 1888, and again in 1890, additions to and alterations on the buildings were made to provide laboratories for teaching in

Science and Medicine; and in 1890 a Medical School was organised, in addition to the classes in Arts and Science which, as time went on, had been gradually developed on the model of the University Classes; so that by 1892 the College was giving such a curriculum as would have met the requirements of University Degrees in Arts and Medicine. The endowment fund collected by Mrs. Campbell (including £3000 given by Messrs. Alexander and William Smart for a lectureship in Philosophy), and the proceeds of a bazaar held in 1892, amounted to nearly £25,500.

In February, 1892, the Universities Commissioners issued an Ordinance (No. 18), empowering the Scottish University Courts to make provision within the Universities for the instruction of women, either by admitting them to the ordinary classes or by instituting separate classes for their instruction. The Council of Queen Margaret College, having considered the provisions of this Ordinance, came to the conclusion that the purpose for which the College had been instituted would be best served by making over their work to the University of Glasgow. They, accordingly, with the concurrence of Mrs. Elder, the proprietrix of the buildings and grounds hitherto occupied by the College, offered to transfer to the University Court these buildings and grounds, and the endowments (present and prospective), on condition that these should be devoted to the establishment and maintenance of University Classes for women exclusively. The University Court, after consultation with the Senate, having resolved to exercise the power conferred by Ordinance No. 18, and to provide University instruction for women mainly by the institution of separate classes, agreed to accept the offer made by Queen Margaret College, and remitted to a committee to take the necessary steps for completing the transfer. In virtue of this arrangement the teachers in Queen Margaret College were appointed by the University Court, and in Session 1892-93 the students were admitted matriculated students of the University. In 1893, the College having been dissolved, the buildings and grounds, which had cost over £15,000, and the endowment funds, amounting to £25,482 17s. 6d., were handed over to the University Court; but the name "Queen Margaret College" survives as designating the part of the University buildings and grounds which is devoted to the education of women.

From the inception of the College until her death in January 1909, Miss Janet A. Galloway acted as its honorary Secretary, and in relation to the women students fulfilled the duties of its resident head with unwearying assiduity. In recognition of her services to the University and of the distinguished position she had attained as a leader of Scottish Education, the Senate

in 1907 conferred on her the honorary degree of Doctor of Laws. Upon her death the Senate ordered the following memorial Minute to be entered on its records :

“The Senate desire to place upon record an expression of their appreciation of the work done by Miss Janet Ann Galloway, and of their sense of the loss sustained by the University by her death on 23rd January, 1909. For more than a generation she has been the soul of the movement in the West of Scotland for the higher education of women, which originated with Mrs. Campbell of Tullichewan. The movement in its organised form passed through three phases, first the Glasgow Association for the Higher Education of Women, formed in 1877 ; secondly the Queen Margaret College, incorporated under the Companies Acts in 1883 ; and finally the Women’s Department of the University, from 1893. In each successive phase Miss Galloway was the secretary, but resolutely refused to accept any remuneration. This position, with the variety of work it involved, gave scope to her versatile and highly trained intellect, and as the work grew under her hand her energy and enthusiasm also steadily increased. In her intercourse with the students she did not confine herself to the discharge of her official duties, but exercised a watchful care over their physical and moral well-being as well as their intellectual advancement. The sick she visited, the depressed she cheered, the unwisely eager she prudently restrained. And after they had finished their course and obtained positions of responsibility and trust in various parts of the kingdom her kindly interest continued, her brief holiday in summer being often spent in going from town to town to see how the graduates of the College fared. She had a high ideal of what the corporate life of students ought to be, and hardly a year passed without some new project being broached, such as the Queen Margaret Settlement for work among the poor, the Medical Club, the Literary and Debating Society, the Queen Margaret Union for women students. While she never spared herself, but worked with untiring energy, she had also the power of inspiring others with something of her own enthusiasm. She identified herself with the Teachers’ Guild, and the University made her a member of the Glasgow Provincial Committee for the Training of Teachers.

“She never refused work, and whatever she undertook she did willingly and well. In 1907, as one of a distinguished company, she received, by the authority of the Senate, the honorary degree of Doctor of Laws, and never was an honour more worthily bestowed.

“Unity of purpose and variety of occupation gave her in the course of a long life keen enjoyment : fully aware of the end

that was coming, and of the manner of that end, she went on to the last with unfaltering step; her work and her worth are a measure of the loss which the University has sustained by her sudden death."

To carry on the work which Miss Galloway so ably initiated and organised, the University Court have appointed Miss FRANCES MELVILLE, M.A., as Mistress of the College, to take charge of the management, and of the general interests of the women students of the University.

In view of the great increase in the number of women students the Court have also appointed two Tutors to assist the Mistress. Miss JANET SPENS, M.A., is Tutor in Arts, and Miss AGNES PICKEN, M.B., Ch.B., is Tutor in Medicine and Science.

The Tutor in Arts will be prepared to give information and guidance to women students in regard to their studies and examinations, and to assist them in drawing up suitable curricula for the consideration of the Official Adviser of Studies in Arts. The Tutor in Medicine and Science will render similar service to women students in these Faculties.

Degrees in Arts, Science, and Medicine are open to women students of the University of Glasgow.

The course of study for the M.A. Degree extends over not less than three sessions. New Regulations for Degrees in Arts (University Court Ordinance No. XXIII., Glasgow No. 6) came into force on 1st October, 1908. These regulations are printed in the Syllabus for the Faculty of Arts and in the *University Calendar*. Former regulations will be found in the *Calendars* of 1908-9 and previous years.

For the degrees of M.B. and Ch.B. not less than five years' study is required.

The number of women students who matriculated in 1908-9 was 695.

* * See also pp. 12-13.

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GLASGOW :

JAMES MACLEHOSE & SONS, 61 ST. VINCENT STREET,
Publishers and Booksellers to the University.

1909.

GLASGOW UNIVERSITY CALENDAR.

THE Glasgow University Calendar (one volume, 814 pages) contains a history of the University, and an account of its present Constitution and Government; statements regarding the various Faculties and Classes; the Regulations and Subjects of Examination for Degrees in Arts, Science, Medicine, Law, and Divinity; the questions proposed to Candidates for Degrees, including Preliminary Examination questions; the Annual Graduation and Prize Lists; and the Bursaries, Scholarships, Fellowships, and other Endowments of the University.

It also contains a Statement of the Annual Income and Expenditure of the University: a List of the recognised Extra-Academical Lecturers; and notices of the various Students' Societies.

The Calendar is published by James MacLehose & Sons, 61 St. Vincent Street, Glasgow. Price 3s., by post 3s. 4d.

UNIVERSITY OF GLASGOW.

July, 1909.

CONTENTS.

	PAGE
Classes, ...	11
Matriculation and Enrolment in Classes, ...	12
Time Tables for Classes, ...	14
Syllabus of Lectures and Practical Work, viz.—	
Botany, ...	17
Zoology, ...	17
Physics, ...	18
Chemistry, ...	18
Anatomy, ...	19
Physiology, ...	20
Materia Medica and Therapeutics, ...	23
Practical Pharmacy, ...	23
Pathology, ...	23
Medical Jurisprudence and Public Health, ...	25
Surgery, ...	28
Operative Surgery, ...	29
Practice of Medicine, ...	29
Midwifery and Gynæcology, ...	31
Insanity, ...	31
Diseases of the Eye, ...	31
Diseases of the Ear, ...	31
Diseases of the Skin, ...	32
Fevers, ...	32
Hospital Instruction, viz.—	
Royal Infirmary, ...	32
Royal Hospital for Sick Children, ...	33
Glasgow Maternity Hospital, ...	34

	PAGE
Class Fees, ...	34
Hospital Fees, ...	36
Regulations for Graduation, ...	37
Table of Examinations for Degrees in Medicine to be held during Session 1909-1910, ...	54
Appendix—	
Registration, ...	55
Preliminary Examination for Degrees in Medicine, ...	55
The Carnegie Trust for the Universities of Scotland, ...	58
Preliminary Examination in Arts (inserted for information of Carnegie Trust beneficiaries), ...	61
Scholarships and Bursaries, ...	69
Prize and Medal, ...	70
Scholarships and Fellowships for Post-Graduate Study, ...	70
Students' Loan Fund, ...	70
Curriculum of Study, with College and Hospital Fees, ...	71
List of Registered Medical Women, Students in Queen Margaret College, who have obtained Degrees or Diplomas in Medicine, ...	76
Hall of Residence for Students, ...	82
Register of Lodgings for Students, ...	83
Students' Societies, ...	83

School of Medicine.

CLASSES.

<i>Botany and Practical</i>	}	PROFESSOR BOWER and Staff.
<i>Botany, - - - -</i>		
<i>Zoology and Pract. Zoology,</i>	}	PROFESSOR GRAHAM KERR and Staff.
<i>Physics and Pract. Physics,</i>		
<i>Chemistry and Practical</i>	}	HERBERT W. BOLAM, B.Sc., Ph.D.
<i>Chemistry, - - - -</i>		
<i>Anatomy and Practical</i>	}	THOMAS H. BRYCE, M.A., M.D., F.R.S.E.
<i>Anatomy, - - - -</i>		
<i>Physiology and Practical</i>	}	PROFESSOR NOEL PATON, M.D., GEORGE H. CLARK, M.B., D.P.H., and THOMAS G. BROWN, B.Sc., M.B., Ch.B.
<i>Physiology, - - - -</i>		
<i>Materia Medica and</i>	}	PROFESSOR STOCKMAN and Staff.
<i>Therapeutics, and Prac-</i>		
<i>tical Pharmacy, - - -</i>		
<i>Pathology and Practical</i>	}	PROFESSOR MUIR and Staff.
<i>Pathology, - - - -</i>		
<i>Medical Jurisprudence and</i>	}	PROFESSOR GLAISTER, M.D., D.P.H. (Camb.), F.R.S.E.
<i>Public Health, - - -</i>		
<i>Surgery, - - - -</i>	}	JAMES H. PRINGLE, F.R.C.S.
<i>Medicine, - - - -</i>		
<i>Clinical Surgery, - - -</i>	}	WALTER K. HUNTER, D.Sc., M.D.
<i>Clinical Medicine, - - -</i>		
		ROYAL INFIRMARY.
<i>Obstetrics and Gynecology,</i>	}	PROFESSOR M. CAMERON, M.D., Fellow of the Faculty of Physicians and Surgeons, Glasgow, and SAMUEL J. CAMERON, M.B., Ch.B.
<i>Insanity, - - - -</i>	}	L. R. OSWALD, M.B., C.M.
<i>Diseases of the Eye, - - -</i>		
<i>Diseases of the Ear, - - -</i>	}	A. MAITLAND RAMSAY, M.D.
<i>Diseases of the Skin, - - -</i>		
<i>Fevers, - - - -</i>	}	THOMAS BARR, M.D.
<i>Vaccination, - - - -</i>		
		HOSPITAL FOR SKIN DISEASES.
		BELVIDERE AND RUCHILL HOSPITALS.
		ROYAL INFIRMARY.

HOSPITALS.

In addition to the University Courses the following Hospitals and Dispensaries afford ample means for practical instruction in the various departments of Medicine and Surgery :—

ROYAL INFIRMARY.—Medical Officers whose wards and instruction are open to women:—*Physician*, Dr. W. K. Hunter. *Physician for Diseases of Women*, Dr. G. B. Marshall. *Surgeons*, Dr. Jas. A. Adams, Dr. J. Hogarth Pringle. *Ophthalmic Surgeon*, Dr. A. Maitland Ramsay. *Pathologist*, Dr. J. H. Teacher. *Assistant Pathologist*, A. M. Kennedy, M.B., Ch.B. *Dispensary*

Physicians, Dr. D. McCrorie, Dr. J. Henderson and Dr. J. T. M'Lachlan. *Dispensary Surgeons*, Dr. J. A. C. Macewen, Dr. A. G. Faulds, and Dr. T. Kay. *Dispensary Surgeon for Diseases of the Throat and Nose*, Dr. R. Fullerton. *Dispensary Physician for Diseases of the Skin*, Dr. Alex. Morton. *Gynaecologists*, Dr. M'Bryde and Dr. Macfarlane. *Aural Surgeon*, Dr. Adam. *Dental Surgeon*, Mr. Wm. Taylor. *Vaccinator*, Dr. Hugh H. Borland.

ROYAL HOSPITAL FOR SICK CHILDREN, 45 Scott Street, Garnethill.
 Honorary Medical Officers:—*Physicians*, Prof. Samson Gemmell, Dr. George S. Middleton. *Surgeons*, Dr. T. Kennedy Dalziel, Mr. R. H. Parry. *Oculist*, Dr. Thomas Reid. *Aurist*, Dr. Thomas Barr. *Pathologist*, Professor Robert Muir. DISPENSARY, 11 West Graham Street; Country Branch, Drumchapel.
 —*Physicians*, Dr. R. Barclay Ness, Dr. J. B. Maekenzie Anderson, Dr. W. K. Hunter, Dr. John G. Gray, Dr. Norman Maenair, Dr. J. Campbell McClure, Dr. A. Bankier Sloan, Dr. Archibald G. Hay, Dr. Leonard Findlay, Dr. Murray Ross Taylor, and Dr. J. R. C. Greenlees. *Surgeons*, Dr. Henry Rutherford, Dr. James H. Nicoll, Dr. G. H. Edington. Dr. Alfred A. Young, Dr. Farquhar Macrae, Dr. Alexander Maclellan, Dr. Archibald Young, Dr. M. Logan Taylor. *Oculist*, Dr. John Rowan. *Aurist*, Dr. J. Walker Downie. *Dentist*, Mr. Rees Price. *Medical Electrician*, Dr. John Gilchrist.

MATRICULATION AND ENROLMENT IN CLASSES.

Attendance upon the Classes in Medicine qualifies for the Degrees in Medicine of the University of Glasgow.¹

By Ordinance No. 50 of the Commissioners under the Universities Act of 1889, every student is required at the beginning of each Session to matriculate by enrolling her name in the University album before joining any class. The Mistress's office at Queen Margaret College will be open for the purpose of matriculation on and after Friday, 8th October. Matriculation closes on 21st October. The Matriculation Fee is One Guinea for the Academical year; for the Summer Session alone, 10s. 6d.

Matriculation for the Summer Session takes place between 19th and 28th April inclusive.

¹The Classes held in Queen Margaret College being University Classes, certificates of attendance thereon may be used by those who propose to become Candidates for the Degrees of the other Scottish Universities, and for those of London University, the Universities of Manchester, Liverpool, Leeds, and Sheffield, and the Royal University of Ireland, as well as for the Qualifications of the Scottish Corporations.

Students entering on a course of Medical Study should note that they must have previously passed the Preliminary Examination, and be registered in the books of the General Medical Council as Medical Students (see footnote, p. 37).

Women students are entitled, after matriculation, to the privilege of borrowing books from the University Library, to the use of the Reading Room in Queen Margaret College, and, under certain conditions, to admission to the Hunterian Museum. They are also entitled to vote in the election of the Lord Rector of the University.

Strict order and silence must be observed in the Reading Room. An adjoining room is provided for students who wish to wait between two classes.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary, the Glasgow Maternity Hospital, the Royal Hospital for Sick Children, the Royal Asylum, Gartnavel, and the City of Glasgow Fever Hospitals, Belvidere and Ruchill; they also have facilities for Dispensary work at the Royal Infirmary and Royal Hospital for Sick Children.

The Winter Session of the Medical Classes begins on 11th October and ends on 17th March, and the Summer Session of these Classes begins on 19th April and ends on 28th June.

The Mistress's Office is open during the Session from 10 a.m. till 5 p.m., except on Saturdays.

The Tutor in Arts may be consulted at her office at Gilmorehill from 10 to 12 and from 4.15 to 5.15, except on Saturdays.

The Tutor in Medicine and Science is at the Medical Buildings from 10 to 1 and from 2.30 till 5, except on Saturdays; but it would be most convenient if students would call between 12 and 1 or after 2.30.

All fees due by Women Students for matriculation, classes, and examinations are to be paid in the Mistress's Office at Queen Margaret College and not at Gilmorehill.

All correspondence in connexion with Women Students should be addressed either to the Mistress or to the Tutor in the student's Faculty.

TIME TABLE FOR WINTER 1909-1910.—CLASSES IN MEDICINE.

	9—10.	10—11.	11—12.	12—1.	2—3.	3—4.	4—5.
MONDAY,	1. Zoology. 2. Anat. Pract. 3 & 4. Hospital.	2. Anat. Pract. 3 & 4. Hospital.	1. Anat. Jun. 2 & 3. Anat. Pract. 3. Materia Medica.	1. Chemistry. 2. Physiology. 3. Anat. Pract. 4. Gynecology and Midwifery.	1. Chem. Pract. ² 2. Phys. Pract. ³ or Anat. Pract.	1. Zoology. ¹ 1. Chem. Pract. ² 2. Anat. Pract. 3. Anat. Sen. 4. Pathology.	1. Chem. Pract. ² 3. Surgery. 4. Medicine.
TUESDAY,	1. Zoology. 2. Anat. Pract. 3 & 4. Hospital.	2. Anat. Pract. 3 & 4. Hospital.	1. Anat. Jun. 2 & 3. Anat. Pract. 3. Materia Medica.	1. Chemistry. 2. Physiology. 3. Anat. Pract. 4. Gynecology and Midwifery.	1. Chem. Pract. ² 2. Phys. Pract. ³ or Anat. Pract.	1. Zoology. ¹ 1. Chem. Pract. ² 2. Anat. Pract. 3. Anat. Sen. 4. Pathology.	1. Chem. Pract. ² 3. Surgery. 4. Medicine.
WEDNES.,	1. Zoology. 2. Anat. Pract. 3 & 4. Hospital.	2. Anat. Pract. 3 & 4. Hospital.	1. Anat. Jun. 2 & 3. Anat. Pract. 3. Materia Medica.	1. Chemistry. 2. Physiology. 3. Anat. Pract. 4. Gynecology and Midwifery.	1. Chem. Pract. ² 2. Anat. Pract.	1. Zoology. ¹ 1. Chem. Pract. ² 2. Anat. Pract. 3. Anat. Sen. 4. Pathology.	1. Chem. Pract. ² 3. Surgery. 4. Medicine.
THURS.,	1. Zoology. 2. Anat. Pract. 3 & 4. Hospital.	2. Anat. Pract. 3 & 4. Hospital.	1. Anat. Jun. 2 & 3. Anat. Pract. 3. Materia Medica.	1. Chemistry. 2. Physiology. 3. Anat. Pract. 4. Gynecology and Midwifery.	1. Chem. Pract. ² 2. Phys. Pract. ³ or Anat. Pract.	1. Zoology. ¹ 1. Chem. Pract. ² 2. Anat. Pract. 3. Anat. Sen. 4. Pathology.	1. Chem. Pract. ² 3. Surgery. 4. Medicine.
FRIDAY,	1. Zoology. 2. Anat. Pract. 3 & 4. Hospital.	2. Anat. Pract. 3 & 4. Hospital.	1. Anat. Jun. 2 & 3. Anat. Pract. 3. Materia Medica.	1. Chemistry. 2. Physiology. 3. Anat. Pract. 4. Gynecology and Midwifery.	1. Chem. Pract. ² 2. Phys. Pract. ³ or Anat. Pract.	1. Zoology. ¹ 1. Chem. Pract. ² 2. Anat. Pract. 3. Anat. Sen. 4. Pathology.	1. Chem. Pract. ² 3. Surgery. 4. Medicine.

The numbers prefixed to the names of the Classes indicate that the Classes may with advantage be attended by Students of 1st, 2nd, 3rd, or 4th years, as the case may be.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
ZOOLOGY, ...	19-10	19-10	19-10	19-10	19-10
PRACTICAL ZOOLOGY, ...	13-4	13-4	13-4	13-4	13-4
CHEMISTRY, Systematic, ...	12-1	12-1	12-1	12-1	12-1
² PRACTICAL CHEMISTRY AND { LABORATORY, ...	9-1 2-5	9-1 2-5	9-1 2-5	9-1 2-5	9-1 2-5
ANATOMY, Junior, ...	11-12	11-12	11-12	11-12	11-12
ANATOMY, Senior, ...	3.15-4.15	3.15-4.15	3.15-4.15	3.15-4.15	3.15-4.15
PRACTICAL ANATOMY, ...	9-5	9-5	9-5	9-5	9-5
PHYSIOLOGY, ...	12-1	12-1	12-1	12-1	12-1
PRACTICAL PHYSIOLOGY, ...	³ 2-4	³ 2-4		³ 2-4	³ 2-4
MATERIA MEDICA, ...	11-12	11-12	11-12	11-12	11-12
PATHOLOGY, ...	3-4	3-4	3-4	3-4	3-4
SURGERY, Systematic, ...	4-5	4-5	4-5	4-5	4-5
SURGERY, Clinical, ...	9-10.30	9-10.30	9-10.30	9-10.30	9-10.30
MEDICINE, Systematic, ...	4-5	4-5	4-5	4-5	4-5
MEDICINE, Clinical, ...	9-11	9-11	9-11	9-11	9-11
MIDWIFERY AND GYNÆCOLOGY,	12-1	12-1	12-1	12-1	12-1
DISPENSARY, ...	{ 11-1 2-3.30	2-3.30	11-12.30 2-3.30	2-3.30	2-4.30 ⁴

Some alterations in the above hours may be found necessary.

¹ Until Xmas.

² Special Class for Medical Students—After Xmas daily, 2-5.

³ This Class will have two Sections : Section *A* will attend on Mondays and Thursdays, and Section *B* on Tuesdays and Fridays.

⁴ Also Saturday 11-12.30 and 2-4.30.

TIME TABLE FOR SUMMER 1910.—CLASSES IN MEDICINE.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
PHYSICS, ...	11-12	11-12	11-12	11-12	11-12
PHYSICS, Practical, ...	...	2-4	...	2-4	...
BOTANY, ...	8-9	8-9	8-9	8-9	8-9
BOTANY, Practical, ¹	9-11 or 1-3	...	9-11 or 1-3	...	9-11 or 1-3
EMBRYOLOGY, ...	11-12	11-12	11-12	11-12	...
ANATOMY, Practical, ...	9-5	9-5	9-5	9-5	9-5
HISTOLOGY & PRACT. PHYSIOLOGY ²	9-11	9-11	...	9-11	9-11
PRACTICAL PHARMACY, ...	12-1	12-1	12-1	12-1	12-1
PRACTICAL PATHOLOGY, ...	1-3	1-3	1-3	1-3	1-3
MEDICAL JURISPRUDENCE AND PUBLIC HEALTH, ...	11-12	11-12	11-12	11-12	11-12
OPERATIVE SURGERY, ³	...	...	...	...	...
CLINICAL SURGERY, ...	9-10.30	9-10.30	9-10.30	9-10.30	9-10.30
CLINICAL MEDICINE, ...	9-11	9-11	9-11	9-11	9-11
DISEASES OF THE EYE, ...	...	4-5	...	...	4-5
DISEASES OF THE EYE, Clinical,	2-4	...	2-4	2-4	...
DISEASES OF THE EAR, ³	...	...	...	...	...
INSANITY, ...	...	...	12-1	...	...
INSANITY, Clinical, ⁴	...	...	...	...	...
DISPENSARY, ...	{ 11-1 2-3.30	2-3.30	11-12.30 2-3.30	2-3.30	2-4.30 ⁵
VACCINATION AND INFECTIOUS DISEASES,	according to arrangement.				

Some alterations in the above hours may be found necessary.

Syllabus of Lectures.

BOTANY.

This Class will meet in the summer session on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays, 8 to 9 a.m.

Text-Books—Strasburger, *Text-Book of Botany*; Scott, *Structural Botany*, 2 vols.; D. Oliver, *Elementary Botany*.

PRACTICAL BOTANY.

This Class will be held in the summer session, 9-11 a.m. or 1-3 p.m., on Mondays, Wednesdays, and Fridays. The work will consist principally of the dissection and microscopic examination of the various plants dealt with in the lectures. Special attention is paid to methods of microscopic observation, drawing, etc.

Text-Book—*Practical Botany for Beginners*, by Bower and Gwynne-Vaughan.

ZOOLOGY AND PRACTICAL ZOOLOGY.

Lectures on Elementary Zoology will be given during the Winter Session, five days weekly, at 9 a.m., before Xmas. In these Lectures an outline will be given of the more important features of the main groups of the Animal Kingdom, particular attention being paid to such groups as are of special importance either from their morphological characters or from their including important parasitic forms.

The Laboratory Class will meet at 3 p.m. daily, before Xmas, for the purpose of studying practically examples of the groups treated in the lectures.

In addition to the above, courses of instruction of more advanced character, consisting of lectures and illustrative practical work, will be given during the latter half of the Winter Session ("General Zoology" and the Zoology of one or more sub-divisions of the Invertebrata), and the Summer Session (Comparative Morphology of the Vertebrata).

Text-Books : Elementary students—Shipley and MacBride's *Zoology*, Marshall and Hurst's *Practical Zoology*.

PHYSICS AND PRACTICAL PHYSICS.

This Class will meet daily during the Summer Session, at 11 a.m., in the Natural Philosophy Department, Gilmorehill. The course includes the fundamental principles of the Dynamics of Solids, Liquids, and Gases, and the rudiments of Sound, Light, Heat, Magnetism, and Electricity. A detailed programme of the subjects of the course, containing the titles of books recommended for use by students and of works which may be consulted, is given to each student at the beginning of the course.

Two Written Examinations are held during the session, and weekly exercises on the work are set.

A Class of Practical Physics meets twice a week, 2 to 4 p.m.

CHEMISTRY.

WINTER SESSION.

LECTURES ON SYSTEMATIC CHEMISTRY.

This Class will meet daily at 12 noon. In this course about 75 lectures are devoted to Inorganic and about 25 to Organic Chemistry.

In the Inorganic part of the course the scope of the subject will be delineated. Some of the non-metallic elements will be studied, and from the knowledge thus gained the principles of the science will be deduced. The other non-metallic and the commoner metallic elements will then be considered in detail.

In the Organic part of the course some of the more important typical carbon compounds will be discussed.

Tutorial Class—In addition to attendance at the lectures students are required to attend the Tutorial Class, at which additional instruction, by means of oral examination and exercises, is given.

PRACTICAL CHEMISTRY.

A Class specially intended for Medical Students is held after Christmas daily from 2 to 5.

CHEMICAL LABORATORY.

The Laboratory is open daily during the winter session between the hours of 9 a.m. and 1 p.m., and between 2 and 5 p.m. Students may enrol at any stage of advancement, as each one works independently at a separate table.

ANATOMY.

WINTER SESSION.

I. *Lectures for Junior Students.*

Five days weekly, 11 a.m. to 12.

The structure of the human body will be studied systematically. The Bones, the Joints and their mechanism, and the Muscles will be studied in detail; and a general sketch will be given of the Vascular and Nervous Systems.

II. *Lectures for Senior Students in Regional Anatomy.*

Five days weekly, 3.15 to 4.15 p.m.

This Course will chiefly take the form of a series of Demonstrations on recent dissections. Special attention will be given to the Anatomy—Macroscopic and Microscopic—of the Thoracic and Abdominal Viscera, and lectures will be given on the Brain, Spinal Cord, and Sense Organs.

The bearings of Anatomy on Surgery and Medicine will be specially emphasised.

Text-Books—*Human Anatomy*, Professors Cleland and Mackay, or Professor Cunningham's *Text-Book of Anatomy*. For Practical Work, Professor Cleland's *Guide to Dissection*; Professor Cunningham's *Dissector's Guide*; or Ellis' *Demonstrations of Anatomy*, Addison.

SUMMER SESSION.

During the summer session a Course of Embryology will be given.

Text-Book—Quain's *Elements of Anatomy*, 11th edition, vol. i.: *Embryology*, by T. H. Bryce.

Tutorial Classes are given in winter for the 3rd year, and in summer for the 2nd year, students.

PRACTICAL ANATOMY.

The Laboratory will be open from 9 a.m. till 5 p.m.—on Saturdays 9 a.m. till 12 noon—under the personal superintendence of the Lecturer.

PHYSIOLOGY.

I. SYSTEMATIC LECTURES.

The Lectures of this Course are delivered daily at 12 noon during the winter session. They are devoted to an exposition of the main principles and facts of the Physiology of Man.

Examinations are held during the session.

II. PRACTICAL PHYSIOLOGY.

During the *summer session*, Practical Instruction in Histology is given in the Laboratory, by the Professor, Assistants, and the Muirhead Demonstrator, at such hour or hours as may be found convenient. Each section of the class meets twice a week from 9 a.m. to 11 a.m. This Course includes instruction in the use of the microscope, in the microscopical examination of the various tissues and organs, and in the methods of hardening, staining, cutting, and mounting preparations. During the *winter session* practical work is carried on in the Laboratories by the class in sections of convenient size. Each section meets twice a week for two hours in the afternoon, and studies the experimental methods used in Physiology and their results, and the methods of chemical examination of the fluid and solid constituents of the body.

III. ADVANCED CLASS OF PRACTICAL PHYSIOLOGY.

This class is intended to meet the requirements of candidates for the Degree of B.Sc. It meets during the winter and summer sessions at suitable hours, on two days weekly. The course comprises about forty meetings, each of at least two hours duration in winter, and about twenty meetings of two hours each in summer. The course embraces (*a*) the more advanced methods of Physiological Chemistry, (*b*) special methods in advanced Histology, and (*c*) the more advanced methods of experimental investigation. It is wholly practical, and is designed to supplement the instruction given in the ordinary class of Practical Physiology, which must have been previously attended.

IV. THE LABORATORY.

The Laboratories are open daily, under the superintendence of the Professor, the Lecturers on Physiological Chemistry and on Experimental Psychology, and the Assistants. Application should be made to the Professor by those who may wish to pursue original investigation.

Text-Books : Noël Paton, *Essentials of Human Physiology* ; Howell, *Text-book of Physiology* ; Noël Paton and Cathcart, *Practical Course of Chemical Physiology* ; Noël Paton and G. H. Clark, *A Practical Course of General Physiology for Medical Students* ; Noël Paton and G. H. Clark, *Guide to the Practical Study of Histology* ; and for the advanced classes such books as may be recommended from time to time.

V. GRIEVE LECTURESHIP ON PHYSIOLOGICAL CHEMISTRY.

The course of lectures delivered under this foundation is on the higher aspects of chemical physiology with special reference to the chemistry of the various metabolic processes. Each year some special subject is chosen for more thorough treatment. During the winter session 1909-10 the special subject discussed will be the metabolism of the Carbohydrates.

This course may be regarded as an extension of the physiological chemistry taught in the advanced practical class. The lectures will be illustrated, as far as possible, by means of experiments.

The laboratory for physiological chemistry will be available during both the winter and the summer session for special research.

VI. LECTURESHIP ON PSYCHOLOGY.

A course of lectures in Psychological Physiology suitable for those intending to take the B.Sc. Examination in Physiology will be given during the winter session.

This course will deal more closely with the special senses, the elaboration of sense-experience, memory, association, various types of action, especially voluntary action, feeling, etc. It will include experimental practice whenever possible.

The psychological laboratory will be available for special research.

MATERIA MEDICA AND THERAPEUTICS, WITH PRACTICAL PHARMACY.

Class Hours : Summer, 12 noon ; Winter, 11 a.m.

In the summer course of Practical Pharmacy, which it is advisable to take before the winter course, attendance at twenty-five meetings of the class is required. Instruction is given in compounding official preparations, in writing prescriptions, and in dispensing, supplemented by demonstrations of the more important substances in the British Pharmacopœia. The winter course is devoted to Pharmacology and Therapeutics, the official drugs of the British Pharmacopœia being systematically considered in relation to their actions and applications in disease. In addition, lectures are given on the therapeutical aspects of Dietetics, Mineral Waters and Baths, Climate, Electricity, Massage, etc.

Text-Books: The manuals of *Pharmacology* by Dr. W. E. Dixon, and of *Materia Medica and Therapeutics* by Dr. Hale White, Dr. Mitchell Bruce, and Sir William Whitla; *Text-Book of Materia Medica* by Dr. C. R. Marshall; *Practice of Medicine*, by Dr. Charteris. More advanced books are: *Therapeutics*, by Dr. H. C. Wood; *Text-book of Pharmacology and Therapeutics*, edited by Dr. Hale White; and *Text-book of Pharmacology*, by Dr. A. R. Cushny.

PATHOLOGY.

The course in Pathology and Practical Pathology extends over a summer and a winter session. The Classes meet in the Pathological Department of the Western Infirmary. Students are requested to observe that the course starts in summer, and are recommended not to commence their pathological studies in winter.

In the summer session the Class meets for two hours on four days each week. About fifteen lectures of an hour each are given on those subjects of General Pathology which can be conveniently illustrated by histological work, *e.g.*, the degenerations, inflammation, the processes of repair, tumours, etc., and the students thereafter prepare and examine sections of tissue illustrating the subjects of the lectures. The Special Pathology of one or two systems, *e.g.*, the circulatory and respiratory, is treated in a corresponding manner. Demonstrations of Pathological Anatomy are also given. The methods of Bacteriology are taught in small classes of about twenty students.

In the winter session the Class meets for an hour daily. There will be (a) Lectures with demonstrations on General Pathology, including the disturbances of the circulation, the general pathology of infection, fevers, etc.; (b) Lecture demonstrations on Tuesdays and Fridays on Special Pathology. Students who have already attended a full course in pathology may attend these on payment of a fee of £1 1s. (c) Meetings for practical work in Special Histology and Bacteriology. Of these there will be about thirty. Tutorial Classes are also held during the session.

Post-graduate or Laboratory Courses in Practical Pathology and Bacteriology are held in October. These courses are open also to senior students. Particulars may be obtained from the Professor.

Text-Books—*A Manual of Pathology* by Dr. Joseph Coats, *A Manual of Pathology* by Beattie and Dickson, or a *Text-Book of Pathology* by Hektoen and Riesman; *Practical Pathology*, by Dr. G. Sims Woodhead; and a *Manual of Bacteriology*, by Drs. Muir and Ritchie.

The following works are also recommended:—Cohnheim, *Lectures on General Pathology*; Thoma, *Handbook of General*

Pathology; and Metchnikoff, *Comparative Pathology of Inflammation*.

The *post-mortem* examinations in the Royal Infirmary are open to the students. Each student during her curriculum must attend at least twenty *post-mortems*, and must produce evidence that she has received instruction in the methods of *post-mortem* examination.

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH.

This Class will meet daily, at 11 a.m., during the summer session.

The Lectures on Forensic Medicine will, as far as possible, elucidate the application of every branch of Medical Science to the purposes of the Law.

In the department of Public Health special attention will be given to the subjects of Air, Ventilation and Heating, Water, Injurious Trades, Law respecting Infectious Diseases, Disinfection, Disposal of Sewage and Refuse, and Sanitation in general.

During the session students will have an opportunity of visiting, along with the Professor or his assistant, the most important public institutions and works in the district dealing with Disposal of Sewage and Refuse, Disinfection, Ventilation, etc.

Demonstrations, macroscopic and microscopic, will be given frequently during the session, illustrating, as far as possible, the whole range of Forensic Medicine and Public Health.

Written and Oral Examinations (attendance at which is compulsory) will be held at intervals.

In addition facilities will be given for studying Practical Toxicology in the Medico-Legal Laboratory at the University.

Text-Books—Guy and Ferrier, *Principles of Forensic*

Medicine; Dixon Mann, *Manual of Medical Jurisprudence*; Hofmann, *Atlas of Legal Medicine* (English edition, 1898); Glaister, *Text-Book of Forensic Medicine, Toxicology, and Public Health*, 1902; Glaister, *Manual of Public Health for Students, etc.* (2nd edition, 1905).

PUBLIC HEALTH.

This Class will meet four days weekly during the winter session at 12 noon. The lectures will deal with the Sanitation of Dwellings, Medicine in its relation to Public Health, Vital Statistics and Statistical Methods, Sanitary Law, etc. (See Ordinance for Degrees in Public Health, p. 272 of University Calendar). The subjects under consideration will, as far as possible, be illustrated by demonstrations, visits to public institutions and public health works in Glasgow and neighbourhood, and by other means. The number of meetings of the Class is 75. The Class is open, after matriculation and payment of the Class Fee, to Candidates for the Diplomas in Public Health of the Universities of Cambridge, Oxford, and Durham, and of the English, Scottish, and Irish Colleges. According to the Regulations of the General Medical Council, attendance thereat will be accepted in lieu of the second three months' attendance at the office of a recognised Medical Officer of Health for Practical Sanitation.

Text-Books—Balfour and Lewis, *Manual of Hygiene and Public Health*; Parkes and Kenwood, *Manual of Hygiene and Public Health*; Glaister, *Text-book of Forensic Medicine and Public Health*; Robertson and Porter, *Sanitary Law and Practice*; Hime, *Sanitary Law*; Local Government Board for Scotland, *Instructions, Forms, etc., to Local Authorities*.

LABORATORY INSTRUCTION IN PUBLIC HEALTH.—The Public Health Laboratory is under the personal supervision of Professor Glaister and his assistant, and is open from

10 a.m. to 4 p.m., daily, for practical instruction in the methods of analysis of air, water, soils, foods, and the detection of adulterations; and for instruction in practical meteorology, sanitary appliances, physics, and practical bacteriology, in relation to public health.

Air—Estimation of carbonic acid, by Pettenkofer's and other methods; detection and examination of gaseous impurities; estimation of organic impurity by ammonia and Carnelly's process; microscopic examination of matters in suspension; estimation of humidity, dew-point, and tension of vapour.

Water—Qualitative and quantitative analysis; microscopical examination of sediments; physical and biological examination; comparison and estimation of value of filtering media and filters; mineral and medicinal waters.

Sewage—Effects of purification processes; analysis of raw sewage and sewage effluents.

Soils—Chemical and physical examination.

Foods—Analysis and detection of adulterants; microscopic examination of food-stuffs; physical, microscopical, and chemical examination of milk; analysis of milk, cream, butter, cheese, and oils used as foods; microscopical examination and chemical analysis of starchy foods, sugars, tea, coffee, cocoa, pepper, etc.; examination of preserved foods and detection of their adulterations.

Disinfectants—Their valuation and comparison; examination of pigments in articles of attire, wall-papers, and those used in trade.

Bacteriology—Methods of investigation, cultivation, and transmission; preparation of culture media; bacteriological examination of air, water, foods, blood, earth, etc.; micro-photographic processes.

Microscopy—Examination of food substances; parasites—animal and vegetable; crystalline deposits; micro-organisms.

Metcorological Instruments—Barometer, thermometers, different kinds; rain gauges; anemometers and manometers; hygrometers, and the different forms of these instruments.

The Laboratory is furnished with all the necessary chemical apparatus, etc., required for analysis, and each worker is furnished with a set of apparatus for personally doing the work, and for which he is held personally responsible.

In the Departmental museum there is a complete collection of model sanitary appliances, including traps, soil stacks, soil pipes, ventilators, meteorological instruments, and an abundant collection of drawings, diagrams, and illustrative tables.

The Laboratory also possesses a large collection of microscopic specimens illustrative of parasites—animal and vegetable—food characteristics, of bacteriology, and of tropical diseases.

Visits will be made, as arranged, during the session, to view and inspect modes of disposal of refuse, scwage disposal, unhealthy trades, etc.

The Laboratory instruction is recognised for the Diplomas in Public Health of the Triple Scotch Colleges, of the English Colleges, and of the Universities of Cambridge, Oxford, and Durham, under the new regulations.

Text-Books (for Public Health Laboratory)—Lehmann, *Methods of Practical Hygiene* (English edition, 2 vols.); Parkes, *Public Health Laboratory Work*; Pakes, *Public Health Laboratory Work*; Hewlett, *Manual of Bacteriology*, 1898; Muir and Ritchie, *Manual of Bacteriology*, 1907; Slater and Spitta, *Atlas of Bacteriology*, 1898.

SURGERY.

The Systematic Class will meet five days weekly in the College, 4 to 5 p.m. Clinical Work and Lectures, 9 to 10.30 a.m. in the Royal Infirmary.

Text-Book—Thomson and Mills, or Rose and Carless, *Manual of Surgery*.

A course of Operative Surgery will be given in summer.

PRACTICE OF MEDICINE.

The Class will meet five days weekly. The Lectures will be given in the College from 4 to 5 p.m., with occasional meetings at the Infirmary for practical demonstrations. Clinical Instruction is given from 9 to 11 a.m. in the Royal Infirmary.

During the ensuing winter session the work of the Class will be arranged according to the following plan, which will be overtaken as far as possible.

THE SCIENCE AND ART OF MEDICINE.—*The Science*, the study of the causes, the manifestations, and results of disease in the human body. *The Art*, the skilled practice, undertaken chiefly with a view to the cure or relief of disease.

WHAT IS DISEASE?—Difficulties of definition—the basis of disease, physical—functional and structural disease, a distinction ever becoming of less and less importance.

THE PRACTICE OF MEDICINE embraced under four different divisions :—(1) *Etiology*, (2) *Diagnosis*, (3) *Prognosis*, (4) *Treatment*.

1. ETIOLOGY, the science of the causation of disease.

Causes, the necessary antecedent phenomena, which being realised the consequent invariably follows—recent and remote—exciting and predisposing—heredity, age, sex, climate, diet, poisons, parasites, wounds, etc.

Bacteriology and Disease. General outline of the influence of microbes and their products in the causation of disease.

Immunity, natural and acquired.

2. **DIAGNOSIS**, the recognition and classification of the different forms of disease—involves much more than the mere determination of a name—diagnosis determined by a study of the symptoms, the physical signs, and the causes. Physical diagnosis—clinical diagnosis—pathological diagnosis—nosology or classification—general and special diseases.

3. **PROGNOSIS**, the estimation of the whole outcome of disease. Experience, collective or individual, the basis of prognosis.

4. **TREATMENT**, the endeavour to restore the diseased man to his healthy state or to relieve his suffering—principles of drug administration—removal of causes—diet, hygiene, exercise—surgical procedures.

GENERAL MORBID PROCESSES.—Hyperæmia or congestion—dropsy—hypertrophy—anæmia, local and general—thrombosis and embolism—atrophy—inflammation—infection—fever or pyrexia—degenerations—disordered metabolism—necrosis or death.

CONSTITUTIONAL STATES.—Diathesis—cachexia—temperament.

GENERAL DISEASES.—The specific fevers—the specific infective diseases, tuberculosis, syphilis, leprosy, etc.—scurvy—purpura—rheumatism—gout—rickets—neoplasms.

LOCAL DISEASES.—Many general diseases also to be studied in their local relationships.

1. *Diseases of the Respiratory System.*
2. *Diseases of the Circulatory System.*
3. *Diseases of the Lymphatic System.*
4. *Diseases of the Digestive System.*
5. *Diseases of the Genito-Urinary System*
6. *Diseases of the Nervous System.*
7. *Diseases of the Skin.* General outline.

Text-Books—Osler's *Practice of Medicine*; Finlayson's *Clinical Manual*; Gibson and Russell's *Physical Diagnosis*; or Hutchison and Rainy's *Clinical Methods*.

MIDWIFERY AND GYNÆCOLOGY.

This Class meets five days weekly, at 12 noon. The Lectures comprise a complete study of Midwifery and Diseases of Women, as also Practical Demonstrations in the Use of Instruments, etc.

CLINICAL MIDWIFERY.

During the Winter and Summer Sessions Clinical Instruction in Midwifery is given at the Glasgow Maternity Hospital. The arrangements and hours of meeting of such classes are intimated from time to time.

PSYCHOLOGICAL MEDICINE (INSANITY).

A qualifying course of Lectures is given at the University on Wednesdays, at 12 noon, during the summer session, and the Lecturer (the Physician Superintendent of the Royal Asylum) gives Clinical Instruction at the Asylum, Gartnavel, on Saturdays, at 10 o'clock, and at the Western Infirmary Dispensary on stated afternoons.

DISEASES OF THE EYE.

A course of Lectures is given in the College during the summer session, on Fridays, 4 to 5 p.m., and on Tuesdays in the Ophthalmic Institute, 4 to 5 p.m.; Clinical Instruction will be given on Mondays and Thursdays, 2 to 4 p.m., and Wednesdays at 2 p.m., at the Ophthalmic Institution, 126 West Regent Street.

DISEASES OF THE EAR.

A short course of instruction on Diseases of the Ear will be conducted in summer. The course is intended to be largely clinical, and, after a few introductory lectures in the University, practical work will be carried on at the Glasgow Ear Hospital.

Students will be taught the methods of examination and treatment, while illustrative cases will be regularly demonstrated.

DISEASES OF THE SKIN.

A course of instruction on Diseases of the Skin is given at the Hospital for Skin Diseases, Elmbank Street, every second or third summer session.

FEVERS.

A course of Clinical Instruction, extending over six weeks in winter and ten weeks in summer, is given in the City of Glasgow Fever Hospitals, Belvidere and Ruchill.

HOSPITAL INSTRUCTION.

ROYAL INFIRMARY.

Wards containing 148 beds are set apart for the Clinical Instruction of women students in this Hospital, which accommodates 588 medical and surgical patients. There is also a largely attended out-patient department, besides special clinics for ear, throat, eye, etc.

Students of this School have exceptional facilities for clinical study in the wards set apart for their instruction.

On the Surgical side ample opportunities are afforded in the wards for Clinical Clerking and Dressing, and students holding these posts assist at the operations. Classes in bandaging and minor surgery are also held.

On the Medical side the Clinical Class is divided into a Senior and a Junior division. From the Senior students clinical clerks are selected ; and by means of small tutorial classes every facility is given to all the members of the Clinical Class for becoming practically acquainted with the methods of physical diagnosis.

The valuable Pathological Museum of the Hospital, under the direction of the curator, Dr. Teacher, is largely drawn upon for illustration, and is open to the students for purposes of study.

Dispensary instruction is given as follows :—

Medical Dispensary,	.	.	.	.	.	2 p.m. every lawful day.
Surgical	„	.	.	.	.	2 p.m. „
Diseases of the Skin,	.	.	Dr. Morton,	11 a.m.,	Monday.	
„	„	Eye,	.	Dr. Thomson,	12 noon,	Monday.
„	„	Throat and	}	Dr. Fullerton,	11 a.m.,	Wednesday.
		Nose,				
„	„	Ear,	.	Dr. J. Adam,	3.30 p.m.,	Friday.
„	„	Teeth,	.	Mr. Taylor,	3.30 p.m.,	Saturday.
„	of Women,	.	.	Dr. Macfarlane,	10.30 a.m.,	Saturday.
Vaccination,	.	.	.	Dr. Hugh Borland,	12 noon,	Thursday.

OPHTHALMIC INSTITUTION, 126 WEST REGENT STREET.

(See ante, page 31.)

ROYAL HOSPITAL FOR SICK CHILDREN.

Facilities are given in this Hospital for the study of the diseases of childhood.

Students can attend the Hospital, 45 Scott Street, the country Branch at Drumchapel, and the Dispensary, 11 West Graham Street, during the visits of the Physicians and Surgeons. Fee covering 12 months' attendance, £1 ls.

CLINIQUEs.

Clinical instruction on the Diseases of Children will be given in the Wards as follows :

Monday and Thursday, 3.30 p.m., - Professor Samson Gemmell, M.D.

Tuesday and Friday, 1.30 p.m., - George S. Middleton, M.A., M.D.

Drs. Nicoll and Ness will demonstrate cases (Surgical and Medical) at the Dispensary, West Graham Street, every Friday at 4 p.m.

Information may be had from the House Physician, 45 Scott Street, Garnethill, or the Hon. Treasurer, 91 West Regent Street, Glasgow.

GLASGOW MATERNITY HOSPITAL.

The new Glasgow Maternity and Women's Hospital, designed with a special view to practical instruction in Obstetrics and Gynæcology, is open to all medical students, under the requirements laid down by the General Medical Council. The lecture room seats ninety; and there are separate cloak rooms for men and women students. The operating theatre has accommodation for sixty students; and in the hospital there are 118 obstetric beds and 40 beds for gynæcological cases.

Women students attend the clinics given in the hospital by the Professor of Midwifery and other obstetricians.

The hospital has over 4000 maternity cases annually, and students have ample opportunity of gaining excellent and varied experience in midwifery.

Rules on application to the Secretary, MR. ARTHUR FORBES, Writer, 146 Buchanan Street.

ROYAL LUNATIC ASYLUM, GARTNAVEL.

(See ante, page 31.)

CITY OF GLASGOW FEVER HOSPITALS.

(See ante, page 32.)

GLASGOW EAR HOSPITAL.

(See ante, page 31.)

HOSPITAL FOR SKIN DISEASES.

(See ante, page 32.)

CLASS FEES.

Courses during the Winter Session extend as a rule to 100 meetings of the Class. Courses during the Summer Session, in most subjects, extend to 50 meetings, but in Operative Surgery, Insanity, Lectures on the Eye, on the Ear, and on Infectious Diseases, the courses are shorter.

WINTER SESSION.

Zoology, ...	1£4	4	0
Practical Zoology, ...	3	3	0
Chemistry, ...	14	4	0
Practical Chemistry, ...	5	5	0
Chemical Laboratory, ...	10	10	0
„ „ Half Session, ...	5	5	0
Anatomy, Junior, ...	14	4	0
Anatomy, Senior, ...	14	4	0
Practical Anatomy, ...	23	3	0
Physiology, ...	14	4	0
Practical Physiology (General and Chemical), ...	34	4	0
Advanced Practical Physiology, ...	134	4	0
Materia Medica and Therapeutics, ...	14	4	0
Pathology, ...	14	4	0
Surgery, ...	14	4	0
Practice of Medicine, ...	14	4	0
Clinical Medicine, { see Hospital.			
Clinical Surgery, {			
Midwifery, ...	14	4	0
Public Health (four days weekly), ...	14	4	0
Public Health Laboratory, ...	12	12	0
„ „ Half Session, ...	6	6	0

SUMMER SESSION.

Physics, ...	3	3	0
Practical Physics, ...	2	2	0
Botany, ...	14	4	0
Practical Botany, ...	53	3	0
Practical Anatomy, ...	22	2	0
Embryology, ...	2	2	0
Practical Anatomy and Embryology (if taken together), ...	3	3	0
Practical Physiology (Histology), ...	46	4	0
Practical Pharmacy, ...	3	3	0
Practical Pathology, ...	3	3	0
Medical Jurisprudence and Public Health, ...	14	4	0

¹ Fee for a second or subsequent session, £3 3s.

² Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

³ This fee includes Histology in the following summer.

⁴ For students who have attended the Practical Physiology Class (summer and winter) the fee for any one of the three sections is £1 1s.

⁵ Students who have attended Lectures or Laboratory Classes in Botany and paid fees amounting to at least £13 13s. in respect of such classes, may afterwards enrol in any Lecture or Laboratory Class in Botany for £1 1s.

⁶ This fee includes the Practical Physiology (General and Chemical) taken in the following winter session.

Public Health Laboratory, ...	£6	6	0
Clinical Medicine, } see Hospital.			
Clinical Surgery, }			
Operative Surgery, ...	2	2	0
Insanity and Clinique, ...	2	2	0
Lectures on the Eye and Clinique, ...	2	2	0
Lectures on the Ear and Clinique, ...	1	1	0
Lectures on the Skin and Clinique, ...	1	1	0
Fevers, ...	1	1	0
Vaccination, ...	1	1	0

HOSPITAL FEES.

ROYAL INFIRMARY.

Every student paying at the commencement of her first year of Hospital Attendance a fee of £10 10s. will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of that year.

Every student who has thus paid £10 10s., and shall at the commencement of her second year of Hospital Attendance pay a further and final fee of £10 10s., will have the privilege of admission to the Infirmary, to the several Courses of Clinical Instruction, and to Dispensary work, during that year. No further payment is required for subsequent years.

Fee for Hospital Attendance and Clinical Instruction for 6 months only, £6 6s.

Fee for Hospital Attendance and Clinical Instruction for 3 months only, £4 4s.

GLASGOW MATERNITY HOSPITAL.

Fee £3 3s. Rules on application to the Secretary, MR. ARTHUR FORBES, Writer, 146 Buchanan Street.

ROYAL HOSPITAL FOR SICK CHILDREN, AND DISPENSARY.

Fee £1 1s. for twelve months' attendance at Hospital or Dispensary, or both.

Information may be had from the House Physician, 45 Scott Street, Garnethill, or the Hon. Treasurer, 91 West Regent Street, Glasgow.

CITY OF GLASGOW FEVER HOSPITALS, BELVIDERE AND RUCHILL.

Fee for Course of Instruction in Fevers, £1 1s.

GRADUATION IN MEDICINE AND SURGERY.

The Degrees in Medicine and Surgery conferred by this University are all recognised by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

Every student who began medical studies previous to 1st January, 1892, is entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before¹ or after that date. All others must fulfil the requirements of the new ordinance—(Ordinance No. 14, Glasgow No. 1—Regulations for Degrees in Medicine)—the principal provisions of which are as follows:—

I. Four degrees in Medicine and Surgery are conferred by the University of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student shall pass a Preliminary Examination in (1) English, (2) Latin, (3) Elementary Mathematics, and (4) Greek or French or German: Provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.²

IV. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13 (Regulations as to Examinations) in accordance with the terms of that ordinance.

¹ These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

² The candidate for the Degrees of Bachelor of Medicine and Bachelor of Surgery must have been registered in the books of the General Medical Council at least five years prior to the date of his graduation. In order to be so registered he must transmit to James Robertson, Esq., the Scottish Branch Registrar, 54 George Square, Edinburgh, together with a printed form of application, which may be obtained from the Assistant Clerk (Matriculation Office, University), a certificate of having passed the Preliminary Examination, and satisfactory evidence of the applicant having attained the age of sixteen years.

Under this section the Joint-Board have directed that for the Medical Preliminary Examination the papers set in Latin, Greek, and Mathematics shall be the same as those set on the lower standard in these subjects in the Arts and Science Preliminary Examination.¹

In English, no set books shall be prescribed, nor shall a general knowledge of the life and works of the greater authors be expected of candidates, but one or two questions may be set, giving an opportunity to candidates to show a knowledge of famous literary works. The historical questions shall not be confined to any one period, but shall cover the whole of British History, and shall be set in such a way as to give an opportunity to candidates who have confined their studies to a single period to show their knowledge. A single three hours' paper shall be set, containing an Essay, a Paraphrase, two questions on History, two on Geography, four on Grammar (including correction of sentences, parsing, analysis of sentences, and derivations), two of a literary and general kind. Eight answers shall be required. The Essay, the Paraphrase, one answer on History and one on Geography shall be compulsory.

One paper shall be set in French and one in German. The papers shall be of a lower standard than those set in these subjects in the Arts and Science Preliminary Examination. The time allowed for each of these papers shall be three hours. The paper in each subject shall comprise questions in Grammar, translation into English, a piece of English, and some short sentences in English of an idiomatic character, for translation.

The papers set in examinations in the *native language* of a candidate (as a substitute for French or German) or in *another classical language* (as a substitute for Latin or Greek) shall conform, so far as possible, to the directions for setting papers in Latin or Greek.

It shall be in the option of any candidate for the Medical Preliminary to take the papers set on the higher standard for the Arts Preliminary in any of the subjects.

Candidates who, having taken English, Latin, Greek, or a Modern Language, on the higher standard, as prescribed by the Arts Ordinance for the Arts and Science Preliminary, have obtained a satisfactory percentage of marks, shall be held to have passed the Medical Preliminary in these subjects; and on the higher Mathematics paper an intermediate pass in Mathematics is granted: Provided that all the required subjects are passed at no more than two examinations.

It shall be at the Board's discretion at all times in the case of any candidate for the Medical Preliminary who professes all his four subjects at one time, and who has obtained in all a number of marks equivalent to the sum of the marks required for a pass in each, to allow such candidate a pass in the whole examination, provided that in no single subject he has obtained less than half of the marks required for a pass, and that the pass-mark be reached in the English paper.

V. The Preliminary Examination shall be conducted in accordance with the provisions of Ordinance No. 13 (Regulations as to Examination).

¹ For details see pp. 55-57.

ations), and, subject to the provisions of the immediately succeeding section hereof, *a candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; Provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition.*¹

VI. A degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to determine what examinations, other than those for the degrees hereinafore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.²

The Joint-Board have issued the following rules under the heading:—
Examinations accepted as exempting from the Preliminary Examination in Medicine: *Provided always that the regulations of the General Medical Council regarding the registration of students of Medicine be complied with:—*

1. In terms of the Medical Ordinances, “a degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination.”

2. Any candidate who produces a certificate of having passed the Preliminary Examination in Arts or Science in any Scottish University, either at the University Examination or through the Leaving Certificate Examinations of the Scotch Education Department, or partly at the University Examination and partly through the Leaving Certificate Examinations, shall be held to have passed the Preliminary Examination for Medicine: Provided that the examination has included the specified subjects of General Education as required under the Regulations of the General Medical Council, and by Section III. of this ordinance.

3. A candidate who has passed the Arts and Science Preliminary Examination of the Joint-Board in any subject (Higher Standard where there is more than one) recognised for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

4. A candidate who has passed in the Honours or Higher Grade in any subject of the Leaving Certificate Examinations of the Scotch Education Department recognised for the Medical Preliminary Examination shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

The regulation that all the subjects of the examination shall be passed at one or not more than two examinations shall not be held to

¹ The words in *italics* are taken from Ordinance No. 156, Section I.

² Applications for exemption on the ground of having passed examinations not included in the following list should be addressed to the Convener of the Board. As several Universities have to be consulted, a decision on a new case cannot be guaranteed in less time than from two to three weeks.

apply to the above cases, 2, 3, and 4. But candidates complying with Rules 2, 3, and 4 must obtain a University Certificate specifying the examinations passed by them which have been accepted as equivalents to the Preliminary, and must present said certificate to the Medical Registrar in order to registration.

Further, each such candidate when applying for said certificate must, if he has not entered for any part of the Preliminary, produce a Matriculation Card from some one of the Scottish Universities.

5. Passes in the lower Grade of the Leaving Certificate Examinations of the Scotch Education Department will not be accepted as exempting from the Medical Preliminary Examination unless the examinations in all the requisite subjects have been taken and passed at one or not more than two examinations.

The Intermediate Certificate of the Scotch Education Department shall be accepted in lieu of the Medical Preliminary Examination, provided that it includes the four requisite subjects. When all the necessary subjects are not included, passes in individual subjects may be accepted if the Department has notified to the Clerk of Senatus or to the Joint Board that a sufficient standard has been reached in such subjects.

6. The following English and Irish University Examinations will be accepted¹ (provided they include all the subjects required under the regulations of the General Medical Council, and prescribed by Section III. of this ordinance), viz.:—

OXFORD Responsions, or Moderations—provided the candidate pass the examination of the Joint-Board in English.

CAMBRIDGE Previous Examination—provided that candidates who have passed it prior to Michaelmas, 1896, shall pass the examination of the Joint-Board in English. If passed after Michaelmas, 1896, the Previous Examination will be accepted as exempting *in toto*.

OXFORD AND CAMBRIDGE SCHOOLS EXAMINATION BOARD.—The Passes in Latin, Greek, and Mathematics specified on p. 219 of *Cal.*, as exempting from the Lower Standard in Arts and Science will exempt also for the Medical Preliminary in these subjects. The Pass in French or German for the Lower Certificate or for the 'Leaving Certificate' will be accepted for a Pass in the Medical Preliminary in French or German. For English, the Board will accept (1) The Higher Certificate with English; (2) The 'Leaving Certificate' in English, with History or Geography; (3) The Lower Certificate in English, History, and Geography.

OXFORD Senior Local Examination will be accepted *pro tanto*, in subjects other than English; in English, if only a pass is offered, the three divisions, Essay, Grammar, and Literature will be expected, or equivalents thereto.

OXFORD Higher Local Examination will be accepted *pro tanto*.

¹ The italicised words in Section V., page 39, shall be held to apply to the acceptance of these Examinations.

CAMBRIDGE Senior Local Examinations will be accepted *pro tanto*.
CAMBRIDGE Higher Local Examinations will be accepted *pro tanto*.
LONDON UNIVERSITY Matriculation Examination.

DUBLIN, TRINITY COLLEGE.—Public Entrance Examination.

ROYAL UNIVERSITY OF IRELAND.—Matriculation Examination.

UNIVERSITIES OF MANCHESTER, LIVERPOOL, LEEDS, AND SHEFFIELD.—Joint Matriculation Examination (the whole examination must be passed, as required for admission to the Faculties of these Universities).

By *pro tanto* is here meant that a certificate of having passed in the examination referred to, in any subject required for the Medical Preliminary Examination, shall, as regards that subject, exempt from further examination in the said Preliminary Examination, provided that all the required subjects shall be passed at one or not more than two examinations.

7. Provided the examinations include all the subjects required by the General Medical Council and prescribed by the Medical Ordinances of the Scottish Universities Commissioners, see p. 37, Section III.—

BRITISH COLONIES AND DEPENDENCIES :—

Candidates from British Colonies and Dependencies who present evidence that they have passed examinations which would admit them to Universities or to Technical Colleges affiliated to a University in their home country will be exempted, provided that the evidence shows that they possess a knowledge of English sufficient to follow the Lectures with profit.

CONTINENTAL COUNTRIES :—

Abiturienten-Examen, of (1) the Gymnasium. (2) Realgymnasium, and (3) Oberrealschule of Germany, and corresponding Entrance Examinations to the Universities of other countries will be accepted.

[Students would do well to ascertain at the Matriculation Office whether their Preliminary Examination is complete before beginning their medical studies.]

PROFESSIONAL EDUCATION.¹

VII. Candidates shall be admitted to the Degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions :—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending over a session of not less than five months, either continuous or divided into two terms; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.

¹ For Order of Study recommended, see p. 71.

3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries, British or Foreign, as may be recognised for the purpose by the University Court.
4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz. :—

1. ANATOMY, ...	{ During a course of not less than five months.
2. PRACTICAL ANATOMY, ...	{ During two courses of not less than five months each.
3. CHEMISTRY, ...	{
4. MATERIA MEDICA and THERAPEUTICS, ...	
5. PHYSIOLOGY or INSTITUTES OF MEDICINE, ...	
6. PRACTICE OF MEDICINE, ...	
7. SURGERY, ...	
8. MIDWIFERY and the DISEASES peculiar to WOMEN and INFANTS. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months, ...	{ During courses of not less than five months.
9. PATHOLOGY, ...	{
10. PRACTICAL CHEMISTRY, ...	
11. PHYSICS (including the DYNAMICS OF SOLIDS, LIQUIDS, and GASES, and the RUDIMENTS OF SOUND, HEAT, LIGHT, and ELECTRICITY), ...	
12. ELEMENTARY BOTANY, ...	
13. ELEMENTARY ZOOLOGY, ...	
14. PRACTICAL PHYSIOLOGY, ...	
15. PRACTICAL PATHOLOGY, ...	
16. MEDICAL JURISPRUDENCE and PUBLIC HEALTH, ...	{ During courses of not less than two and a half months.

Provided always, in so far as regards the University of Glasgow, that—

(a) It shall be the duty of the Senatus to determine from time to time [after receiving through the Faculty of Medicine the opinion of the Board of Studies] the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course; and to report the determination to the University Court for its approval.¹

(b) It shall be the duty of the Professors and Lecturers to submit to the Senatus [after 1st October, 1894, the Board of Studies] annually at the end of the winter session a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. [The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senate with such observations as they may think fit to make thereon.] The Senatus shall trans-

¹ The Universities Commission, on 18th November, 1893, ordained that for the better carrying out of the purposes of these provisos the Senate should institute a Board or Boards of Studies in the Faculty of Medicine. Sec Section I., Ordinance No. 42, which received the approval of Her Majesty in Council on 28th May, 1894. The provisions of this supplementary ordinance have, in the text, been combined with the provisions of the original ordinance, by means of square brackets.

mit such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.¹

(c) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognised for the purpose by the University Court.²
6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Medicine, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
8. The candidate must have attended a course of instruction in Mental Diseases, of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.
Under this sub-section the Senate, with the approval of the University Court, has determined that each candidate for the Degree of M.B. and Ch.B. shall be required to attend a course of instruction in Mental Diseases, given by the University Lecturer or by a recognised teacher, consisting of not less than eighteen meetings. Six of these may be class-room lectures, and the others shall be demonstrations in the wards of an asylum for the insane.
9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognised School of Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognised by the Pharmaceutical Society, *i.e. in the establishment of any chemist and druggist or pharmaceutical chemist of Great Britain, or any pharmaceutical chemist of Ireland, who is registered in the*

¹ See note on page 42.

² On 7th October, 1892, the University Court recognised every General Hospital in the United Kingdom which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons.

*books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.*¹

10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying at an hospital or dispensary *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.

Under this sub-section the Senate, with the approval of the University Court, has determined as follows:—

A. Each candidate for M. B. and Ch. B. shall be required to attend—

1. Demonstrations in the *post-mortem* room of a recognised hospital, with practical instruction in making *post-mortem* examinations. The student must have attended during his curriculum at least twenty examinations.
2. A course of clinical instruction in Fevers, consisting of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds.
3. A practical course of instruction in Ophthalmology of not less than twenty meetings. Six of these may be classroom lectures, and the others shall be for clinical instruction in the wards of a recognised hospital,² or in the wards of a hospital and in a dispensary both recognised for the purpose. The course shall include sufficient practical instruction in the methods of examining the eye.

B. Each candidate is also recommended to attend the following:—(a) Diseases of Children, (b) Diseases of the Ear, (c) Diseases of the Throat and Nose, and (d) Diseases of the Skin, in short practical courses of ten meetings.

N.B.—This is not to be understood as preventing a teacher in any speciality giving a fuller course to such students as may desire to follow out more fully any particular branch.

11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve³ cases of labour, or such

¹ The explanatory words in italics are taken from Ordinance No. 54, Section 11., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

² This means a hospital recognised *ad hoc*, after application to the University Court in each case.

³ The Senatus, with the sanction, on 11th June, 1908, of the University Court, determined to substitute the word "twenty" for the word "twelve." Of the twenty cases twelve at least must be attended independently. [This applies to students who began their medical studies on or after 1st October, 1908.]

additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.

12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorised by the proper Government Authority to grant Certificates of Proficiency in Vaccination.¹
13. No candidate for a degree shall be deemed to have attended a class as part of the curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

VIII. With respect to the places and institutions at which the studies of the candidate may be prosecuted, the following regulations shall have effect:

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., sub-section 2.
2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognised for the purpose by the University Court, or in such medical schools or under such teachers as may be recognised for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., sub-section 2.
3. Of the subjects of study specified in Section VII., sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.
4. The remainder of such subjects of study may (subject always as aforesaid) be taken in such medical schools or under such teachers as may be recognised for the purpose by the University Court.
5. All candidates, not Matriculated Students of the University, availing themselves of the permission to attend the Lectures of

¹ The recognised Vaccine Departments in Glasgow are—Western Infirmary and Royal Infirmary.

Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the Matriculation Fee paid by students of the University, and having, in respect of such payment, a right to the use of the Library of the University.

6. The fee for attendance, for purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognise as qualifying for examination in any of the subjects specified in Section VII., sub-section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other teacher in any endowed public College or institution, who by the terms of his appointment is required to teach more than one subject of medical study therein, may be recognised under sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.
8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this ordinance by Her Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., sub-section 4 hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.¹

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United

¹ Doubt being entertained as to the construction of this Section, the question was submitted to the Universities Commissioners, and evoked from them the following deliverance:—

It is not intended to require of the Professor a complete course of instruction by lectures during each session, or to limit the examinations for degrees to subjects which shall be discussed in the lectures of the Professor at the time that the student attended the course. The word "instruction," as used in this Section, is to be held to include lectures upon such parts of the subject as the Professor may be able to overtake, supplemented by directions as to the use of text-books or other sources of information for the remainder of the subject: and it is also intended that the examinations may be taken over the whole field, even when the Professor has not been able to include it all in his course of lectures.

Kingdom, or in any University or Institution specially approved, or under any Teacher specially recognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow, such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination; and the Senatus shall, if satisfied, grant a certificate to that effect: Provided also that *the provisions of this section shall not have effect except where the University Court shall allow their application after a report by the Senatus Academicus, setting forth special grounds therefor in the case of any candidate named in the report.*¹

PROFESSIONAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.²

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz.:—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology, and Medical Jurisprudence and Public Health; *Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognised for the purpose by the University Court, a degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

Provided also that *if a candidate have completed in a University of the United Kingdom a course of study and passed an examination in Botany, Zoology, Physics, or Chemistry qualifying for a degree in Science or in Arts, he shall be held to have passed the examinations in such subject or subjects.*

If a candidate have obtained a degree in Science or in Arts in any University other than a University of the United Kingdom, granted in either case after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, it shall be in the power of the University Court to exempt such candidate from the examinations in such subject or subjects:

¹The proviso in italics is taken from Ordinance No. 54, Section V., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

²For Table of Fees and Dates of Examinations, see page 54.

*Provided that the course of study and the standard of examination in each case are satisfactory in the judgment of the Senatus Academicus.*¹

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz.:—Botany, Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examination in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in *Materia Medica* and *Therapeutics* until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in *Medical Jurisprudence* and *Public Health* until the close of the summer session following.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

Under this section the Faculty of Medicine, with the sanction of the Senate, has laid down the following rule: No student, who in the Final Professional Examination has been found unqualified in any subject, shall be re-admitted to examination without furnishing evidence of having further studied that subject for such a period as the Examiners may fix.

XVII. If any candidate at these examinations be found to have passed in one or more subjects with sufficient merit, he shall not be liable to re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division as hereinbefore specified.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

¹ The words in italics are taken from Ordinance No. 54, Sections III. and IV., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.¹

XX. Candidates for graduation shall produce evidence of their having conformed to the regulations which were in force at the time they commenced their medical studies: Provided that any student who began his medical studies before 1st January, 1892, shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before² or after that date.

PROFESSIONAL EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

- XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.
2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

Under this sub-section the following regulations have been framed by the Senatus, and approved by the University Court:—The Examination in Clinical Medicine for the Degree of Doctor of Medicine shall for each candidate consist of a written Report and Commentary, with any oral questions that may be considered desirable, upon at least three Medical cases. In the selection of the cases, special regard shall be given to the opportunities they afford for testing the candidate, not only in the ordinary methods of clinical investigation, but also in the more advanced methods requiring practical knowledge in the applications of the ophthalmoscope and laryngoscope, in the chemical and microscopical examination of excreta, the quantitative determination and microscopic characters of the chief constituents of blood possess-

¹ For Table of Fees and Dates of Examination, see page 54.

² These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

ing clinical importance, the recording by instruments of the condition of the circulation, the applications of electricity, etc.

Provided always that one of the cases on which a candidate is examined may, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Diseases of Women, Diseases of Children, Mental Diseases, Zymotic Diseases, Diseases of the Eye, Diseases of the Throat, Diseases of the Ear, Diseases of the Skin. Should the candidate specialise in one of these departments he will be expected to show high proficiency in it.

The examinations for M.D. will be held in the month of October, each Session. Candidates must enter their names and lodge their Theses with the Assistant Clerk (Matriculation Office) on or before 1st June.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself,¹ shall be lodged with the Dean of the Faculty of Medicine (at the Matriculation Office) on or before a date to be fixed by the Senatus (1st June).
4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such degrees; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

¹ The Faculty of Medicine give notice that no Thesis will be approved unless it gives evidence of original observation, or, if it deal with the researches of others, gives a full statement of the literature of the question, with accurate references and critical investigation of the views or facts cited: mere compilations will in no case be accepted.

The Senate, on 3rd June, 1909, resolved as follows:—In future a Thesis to be eligible as a Thesis for the Degree of M.D. shall be a dissertation written for the purpose, provided that the results of original observations already published in medical or scientific journals or in the transactions of learned societies or otherwise may be accepted in place of such a dissertation; as heretofore, the Thesis as submitted shall become the property of the University, and shall be deposited in the University Library.

*Bachelors of Medicine and Masters of Surgery of the University of Glasgow, who have graduated under the regulations in force before the fifth day of August, 1892, may proceed to the Degree of Doctor of Medicine under the provisions of this section, in the same manner as if they held the Degree of Bachelor of Surgery.*¹

PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

- XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.
2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:—Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

Under this sub-section the following regulations have been framed by the Senatus, and approved by the University Court:—The Examination in Clinical Surgery for the Degree of Master of Surgery shall for each candidate consist of a written Report and Commentary, with any oral questions that may be considered desirable on at least three Surgical cases.

Provided that one of the three Surgical cases on which a candidate is examined shall, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Surgical Diseases of Women, Diseases of the Throat, Diseases of the Eye, Diseases of the Ear. Should the candidate specialise in one of these departments he will be expected to show high proficiency in it.

3. Each candidate for the Degree of Master of Surgery shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects that are exclusively medical; and the Thesis, accompanied by a declara-

¹ Taken from Ordinance No. 54, Section VI., which was issued by the Universities Commissioners on 18th July, 1894, and came into operation on 11th May, 1895, having on that date been approved by Her Majesty in Council.

tion signed by the candidate that the work has been done and the Thesis composed by himself,¹ shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.

4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering, within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this section, at any period of examination after he has received such degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively medical, and unless his Thesis, in the judgment of the Faculty of Medicine, is of exceptional merit.

FEES.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

EXAMINERS.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary: Provided that the Court shall make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted in writing and orally and also clinically, when the nature of the subject admits, under regulations framed by the Senatus subject to the approval of the University Court.

DISTINCTIONS ATTAINABLE BY STUDENTS AND GRADUATES OF MEDICINE.

Candidates who have shown special merit in any subject or subjects at any of the Professional Examinations will be announced as having passed in such subject or subjects "with distinction."

Candidates who have shown special merit as indicated by the aggregate results of the four Professional Examinations will be announced, at

¹ See footnote on page 50.

the time of Graduation, as having obtained Commendation or Honours, according to the degree of excellence.

In connection with the Higher Degrees in Medicine and Surgery three grades of distinction are also awarded, viz., Commendation, High Commendation, and Honours. The Bellahouston Trustees have put it in the power of the University to award three Gold Medals yearly to those who, having gained Honours, are pronounced by the Senate on the Report of the Faculty of Medicine worthy of this highest distinction for the excellence of their Theses.

For Straits Settlements Gold Medal, see under Prizes.

Graduates in Medicine or Surgery to whom Honours are awarded for their Theses are requested to publish these Theses in Journals or otherwise, and to supply copies to the University for exchange with other Universities.

GRADUATION.

The terms for conferring Medical and Surgical Degrees in session 1909-10 are 18th November, 1909, and 18th April, 1910.

Candidates proceeding to graduation, if not already Members of the General Council of the University, are required by the Act, 44 and 45 Vict., ch. 40, to pay to the Registrar of the General Council the Registration Fee, and furnish to him the particulars required for their enrolment in the General Council. This should in all cases be done at least two clear days before the day of graduation.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath¹ formerly required to be taken and subscribed by every candidate on graduation :—

I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge.

REGISTRATION OF MEDICAL PRACTITIONERS.

Graduates should register as soon as possible with the Branch Registrar for Scotland, at 54 George Square, Edinburgh. Fee £5 1s. Additional qualifications, £1 each. Forms of application may be had from the Assistant-Clerk (Matriculation Office).

¹ *The Oath was in these words:—*Testor Deum omnipotentem me hoc Iusjurandum pro virili servaturum; Victus rationem aegris commodam et salutarem praescripturum; nullius intercessionis nec sponte noxium pharmacum cuiquam propinaturum; sed sancte et caste vitam artemque meam instituturum; In quascunque domos intravero ad aegrotantium duntaxat salutem ingressurum et ab omni injuria inferenda procul futurum; Quaecunque inter curandum videro audiverove siquidem ea efferre non expediat silentio suppressurum.

TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1909-10.

Fees.	Names to be given in and Fees paid to Assistant-Clerk ¹ (Matriculation Office). Date. ²	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Assistant-Clerk ¹ (Matriculation Office).			
Under the Old Regulations the Fee for each the New, the Fees are—First, £6s.; Second, £6 6s.; Third, £5 5s.; Fourth, £5 5s.	7th September, 1909,	1909.			
		{ Mon., 27th Sept.,	- Botany	- 9—11 a.m.	Chemistry - - 2—4 p.m.
		{ Mon., 27th	- Materia Medica	- 9—11 a.m.	Physics - - 12—2 p.m.
		{ Tues., 28th	- Zoology	- 9—11 a.m.	Physiology - - 12—2 p.m.
	7th September, 1909,	{ Tues., 28th	- Anatomy	- 9—11 a.m.	Pathology - - 12—2 p.m.
		{ Tues., 28th	- - -	- - -	Public Health - - 12—2 p.m.
		{ Wed., 29th	- Medical Jurisprudence	- 9—11 a.m.	
		{ Fri., 18th Mar.,	- Practice of Medicine	- 10—12 noon.	Surgery - - 2—4 p.m.
	23rd February, 1910,	{ Sat., 19th	- Midwifery	- 10—12 noon.	
		{	<i>(Clinical and other examinations will follow at dates to be arranged.)</i>		
		{ Mon., 21st March,	Zoology	- 9—11 a.m.	Chemistry - - 2—4 p.m.
		{ Mon., 21st	Materia Medica	- 9—11 a.m.	Physics - - 12—2 p.m.
	7th March, 1910,	{ Tues., 22nd	Botany	- 9—11 a.m.	Physiology - - 12—2 p.m.
		{ Tues., 22nd	Anatomy	- 9—11 a.m.	Pathology - - 12—2 p.m.
		{ Tues., 22nd	- - -	- - -	Public Health - - 12—2 p.m.
		{ Wed., 23rd	Medical Jurisprudence	- 9—11 a.m.	

¹ For Women Students, Miss Melville, Queen Margaret College.

² When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary Certificates, etc., lodged. Late Entry Fees will not be accepted less than three days before the date of examination. Every candidate must matriculate at the University for the session in which he enters for professional examination or for graduation.

For Dates in regard to Medical Preliminary Examination, see page 56.

APPENDIX.

REGISTRATION.

By the regulations of the General Medical Council no period of study taken more than fifteen days before registration can be recognised. The Registrar for Scotland is Mr. James Robertson, Solicitor, 54 George Square, Edinburgh. In order to obtain registration the student must transmit to him a printed form of application, which may be obtained from the Mistress at Queen Margaret College; also a Certificate of having passed the Preliminary Examination. This should be done immediately after the commencement of medical study.

PRELIMINARY EXAMINATION FOR DEGREES IN MEDICINE.

The following are the details referred to in the note on page 38.

LATIN will comprise Grammatical Questions, Translation into English from Latin Authors not previously prescribed, and Translation of plain passages or easy sentences from English into Latin.

N.B.—The papers set in Latin will be the same as those set on the Lower Standard in the Arts Preliminary Examination.

The Examination will be—Translation and Parsing, Prose Composition, Grammar, and Sentences.

Candidates are required to satisfy the Examiners both in Composition and in Translation.

GREEK will comprise Grammatical Questions, Translation into English from Greek Authors not previously prescribed, and Translation of plain passages or easy sentences from English into Greek.

N.B.—The papers set in Greek will be the same as those set on the Lower Standard in the Arts Preliminary Examination.

The Examination will be—Translation, Sentences, and Grammar.

Candidates are required to satisfy the Examiners both in Composition and in Translation.

MATHEMATICS will comprise (1) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest ; (2) Algebra, including Fractions, Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above Equations ; (3) Geometry— Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration. The Joint Board has directed that each question in Geometry shall consist of two parts, of which one shall be an easy deduction or illustrative exercise on the proposition set as bookwork.

N.B.—The papers set in Mathematics will be the same as those set on the Lower Standard in the Arts Preliminary Examination.

The paper in Mathematics on the Lower Standard will be devoted to the various subjects comprised in as nearly as possible the following proportions: four-ninths to Geometry, three-ninths to Algebra, and two-ninths to Arithmetic. Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each subject: but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

Candidates are requested specially to note—

THAT THE EXAMINATIONS IN LATIN, GREEK, FRENCH, AND GERMAN WILL BE WHOLLY ON "UNSEEN" BOOKS. NO SPECIAL AUTHORS HAVING BEEN PRESCRIBED BY THE JOINT BOARD.

The Examinations will take place as follows :—

FRIDAY, 10th SEPTEMBER, 1909, and THURSDAY, 24th MARCH, 1910.

English,	-	-	-	-	-	-	9 a.m. to 12 noon.
Latin,	-	-	-	-	-	-	3 to 6 p.m.

SATURDAY, 11th SEPTEMBER, 1909, and 26th MARCH, 1910.

Greek,	-	-	-	-	-	-	3 to 6 p.m.
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MONDAY, 13th SEPTEMBER, 1909, and 28th MARCH, 1910.

Mathematics,	-	-	-	-	-	-	3 to 6 p.m.
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TUESDAY, 14th SEPTEMBER, 1909, and 29th MARCH, 1910.

French,	-	-	-	-	-	-	12 noon to 3 p.m.
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WEDNESDAY, 15th SEPTEMBER, 1909, and 30th MARCH, 1910.

German,	-	-	-	-	-	-	3 to 6 p.m.
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The Fee for the Examination is 10s. 6d., payable on each occasion of entering. *All fees for women students are payable at Queen Margaret College, and all letters regarding examinations and classes for women students must be sent to Miss MELVILLE and not to Gilmorehill.*

Forms of Application for admission to the Examinations may be had, after 15th August and 20th February, from Miss MELVILLE, Mistress at Queen Margaret College. THE LAST DAYS FOR RECEIVING NAMES ARE 24TH AUGUST, 1909, AND 2ND MARCH, 1910. *Late Entries cannot, under any circumstances, be received.*

The results will not be known till, at earliest, 30th September, 1909, and 14th April, 1910.

THE CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND.

The Trust is empowered to pay the whole or part of the University ordinary Class Fees of students under the following Regulations :—

REGULATIONS FOR THE PAYMENT OF CLASS FEES.

I. AGE.—An applicant must be over sixteen years of age.

II. NATIONALITY.—An applicant must be of Scottish birth or extraction, or must have given two years' attendance after the age of fourteen at a school or institution under inspection of the Scotch Education Department.

∴ The Executive Committee admit the claim of Scottish extraction in the case of an applicant who can give evidence of Scottish birth of one or other of his parents or grandparents.

III. PRELIMINARY EDUCATION.—Applicants qualified under the two previous Regulations will be eligible for payment of University Class Fees if they have obtained a Leaving Certificate of the Scotch Education Department bearing evidence of such Preliminary education as is required by the Universities for entrance upon their respective graduating curricula.

Applicants who have not obtained the aforesaid Leaving Certificate may be considered eligible upon production of evidence of a Preliminary education of equivalent standard.

IV. COURSE OF STUDY.—Applicants must have had their course of study for each academic year approved by the University Adviser of Studies, or, in Faculties where no Adviser of Studies has been appointed, by the Executive Committee of the Trust.

The Executive Committee reserve the right, after consideration of the special circumstances of each case, to make such further conditions as in their opinion will best secure the educational interests of the applicant in question.

V. ORDINARY CLASSES.—An applicant shall not be eligible for payment of fees of classes belonging to a further stage of his curriculum until he has passed the graduation examinations belonging to a previous stage.

∴ In the Faculty of Medicine the Executive Committee will make exceptional provision for cases where observance of this regulation is practically impossible.

VI. EXTRA-ORDINARY CLASSES.—An applicant shall not be eligible for payment of fees of other than ordinary qualifying classes until he has passed the ordinary graduation examination in the relative subject.

∴ Special application forms for fees of advanced and honours classes will be supplied by the Secretary to applicants qualified under this regulation.

VII. REPORTS OF ATTENDANCE AND WORK.—A beneficiary comes under an obligation to submit to the Executive Committee at the end of each session particulars as to his attendance and work, any distinctions he may have gained, and any graduation examinations he may have passed.

VIII. CLASS CERTIFICATES.—A beneficiary also comes under an obligation to refund the fee of any class in which he has failed to obtain a certificate that he has given regular attendance and duly performed the work of the class during the session.

∴ No payment will be made of fees of classes in which such certificates are not issued by the teacher.

Applications for the payment of fees must be made on forms to be obtained from the Secretary of the Carnegie Trust, Dr. W. S. M'Cormick, The Merchants' Hall, 14 Hanover Street, Edinburgh, which must be filled up and returned to him.

NOTE.—Applicants for Fees, in writing to the Secretary of the Trust for Application Forms, must name the University and Faculty in which they intend to study, and must state whether they have or have not previously obtained the benefits of the Trust.

The Committee have power to withhold payment of fees from any student who is guilty of misconduct, or who fails within a reasonable time to pass the ordinary examinations of the University or any of them.

For information as to Endowment by the Carnegie Trust of Post-Graduate Study and Research, see the *University Calendar*, pp. 180 to 190.

The following excerpt from a letter written by Mr. Carnegie to the Earl of Elgin, Chairman of the Trust, explains the intention of the Founder :

“ LONDON, 7th June, 1901.

“ MY DEAR LORD ELGIN,

“ As your Lordship is aware, my desire throughout has been that no capable student should be debarred from attending the University on account of the payment of fees. I believe that the conditions of application ensure a sufficient standard of merit, and I hope that the honest pride for which my countrymen are distinguished will prevent claims from those who do not require assistance, and that the invidious task of enquiring into the circumstances of each candidate need not be imposed upon the Trustees. But, to further mark my personal belief and hope in this matter, I have made provision in the Trust Deed that the Trustees may receive funds from others to be administered along with the funds placed by me. I consider this a valuable clause, believing, from my own experience with young men, that some students in after life may value the privilege of repaying advances received from the Trustees, although these are free gifts. I hope the Trustees will gladly welcome such repayments, if offered, as this will enable such students as prefer to do so to consider the payments made on their account merely as advances which they resolve to repay if ever in a position to do so, and that this will protect and foster the spirit of manly independence so dear to the Scot.

“ Very truly yours,

“ ANDREW CARNEGIE.”

PRELIMINARY EXAMINATION IN ARTS.¹

To be passed by beneficiaries of the Carnegie Trust entering on study in the Faculty of Medicine.

III. (1) Before entering on the Curriculum (subject to the proviso contained in Section IV., Sub-section 1) each student shall pass a Preliminary Examination in the following subjects:—

1. English.
2. Latin or Greek.
3. Mathematics.
4. One of the following:—Latin or Greek (if not already taken), French, German, Italian (or such other language² as the Senatus Academicus may approve), Dynamics.

Under this sub-section the Senate has approved of (1) Japanese, (2) Spanish, (3) Danish, (4) any of the Celtic languages. Any candidate who proposes to be examined in Japanese or Spanish or in any other language than the six mentioned in the Ordinance is required to make intimation to the Senate before 1st Feb. or 1st July for the Spring and Autumn Examinations respectively.

(2) The examination must be passed in the matters and on the standards hereinafter defined; but there shall be a higher and a lower standard in Latin and in Greek, and a higher, an intermediate, and a lower standard in Mathematics.

Candidates must pass on the higher standard in at least one of these three subjects, and may pass on the lower standard in either or both of the remaining two; subject always to the conditions relative to attendance contained in Section IV. of this Ordinance.

(3) English shall comprise Grammar and Composition, and the outlines of Geography and British History, and the standard shall not be lower than that adopted at the date of the approval of this Ordinance for a pass on the Higher Grade standard at the Leaving Certificate Examination of the Scotch Education Department.

In the case of a student, whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint-Board of Examiners may deem sufficient.

The Joint-Board has issued the following directions showing the character of the papers to be set in English:—

English will include (a) Grammar, (b) Composition, (c) Literature, (d) History, and (e) Geography.

(a) Grammar will include Analysis, Parsing, Derivation, and Correction of Sentences.

(b) Composition will include an Essay and Paraphrasing. In place of a paraphrase proper, the interpretation or discussion of one or more passages in prose or verse may be required.

¹ Supplementary Regulations issued by the Joint Board on 31st January, 1909, have been inserted in smaller type at the points in the ordinances to which they relate.

² The Joint Board has directed that all examinations in languages approved by the Senatus under this sub-section shall consist of two papers, each of two hours' duration, and shall be drawn up, so far as possible, in accordance with the regulations given on page 62 as regards Latin and Greek.

- (c) Literature will comprise a knowledge of certain prescribed books of two or three writers. Questions requiring a general knowledge of the life and works of the greater writers will not be set; but one or two questions may be set, giving an opportunity to candidates who have read widely in English Literature to show their knowledge. The prescribed books will be:—For 1909, Shakespeare, *Richard II.*; Byron, *Childe Harold*, III. and IV.; Addison, *The Spectator* (first fifty Essays). For 1910, Shakespeare, *Twelfth Night*; Milton, *Comus*; Scott, *The Fortunes of Nigel*.

The first paper in English will consist of—1, Essay; 2, a question in the paraphrasing or the interpretation or the discussion of a passage or some passages in prose or verse; 3, 4, 5, 6, Questions in Grammar as explained above.

- (d) History. There will be no prescribed period, but the paper will contain general questions on the history of Britain from B.C. 55.
(e) Geography will include a general knowledge of the Geography of the World, and a special knowledge of the Geography of the British Empire.

(4) Latin and Greek shall comprise grammatical questions, translation into English from Latin or Greek authors not previously prescribed, and translation of plain passages or easy sentences from English into Latin or Greek. The higher standard shall not be lower than that adopted at the date of the approval of this Ordinance for a pass on the Higher Grade standard at the Leaving Certificate Examination of the Scotch Education Department, and the lower standard shall not be lower than that adopted at the said date for a pass on the Lower Grade standard at the Leaving Certificate Examination of the said Department.

In the case of a student whose native language is other than European, the Senatus may accept, as an alternative to Latin or Greek, any other classical language, for example, Sanskrit or Arabic, provided always that the standard of the examination therein shall be as nearly as possible equivalent to the higher standard in Latin or Greek.

The Senatus of each University shall direct the Examiners in any classical language accepted as an alternative for Latin and Greek, that the arrangement of the papers set and the allocation of marks to the different questions must be the same as that required for the papers in Latin and Greek. The examination, if upon the higher standard, shall consist of two papers of two hours each.

The Latin examination on the higher standard will include Translation, Prose Composition, Grammar, and Sentences.

The Greek examination on the higher standard will include Translation, Sentences (or an easy passage of continuous English Prose, set either as an alternative or as a substitute), and Grammar.

The passages for translation both from Greek and Latin will include Prose and Verse.

The Latin examination on the lower standard will include Translation and Parsing, Prose Composition, Grammar, and Sentences.

The Greek examination on the lower standard will include Translation, Sentences, and Grammar.

In the Latin and the Greek papers both on the higher and lower standards, candidates are required to satisfy the Examiners both in Composition and in Translation.

Candidates who, having taken in Latin or Greek the examination on the higher standard, have failed to pass on that standard, but have obtained a percentage of marks equivalent to a pass on the lower standard, may be held by the Board to have passed the examination on the lower standard. But those to whom it is important to obtain a lower pass in the event of failure for the higher, are advised to take the lower paper.

(5) French, German, and Italian shall comprise grammatical, literary, and easy philological questions, translation into English from French, German, or Italian authors not previously prescribed, and translation from English into French, German, or Italian; and the standard shall not be lower than that adopted at the date of the approval of this

Ordinance for a pass on the Higher Grade standard at the Leaving Certificate Examination of the Scotch Education Department.

Two papers will be set in French and two in German, two hours being allowed for each; the first paper to contain a passage for translation from English into French or German, and a test in free composition on some easy subject; the second paper to contain two unseen translations into English (one in prose, one in verse), three grammatical, one philological, and one literary question. Of these five questions the candidates will be allowed to choose three.

Literature will comprise a general knowledge of the life and works of at least one of four standard writers (for French literature, two at least from the 19th century, and one at least from the 17th century), with special reference to one particular work by each of them. Two of the authors will be changed from year to year.

The authors prescribed for literary questions (in 1909) will be as follows:—

FRENCH.—Sandeau, *Mlle. de la Seiglière* (the play); Daudet, *Lettres de mon moulin*; Molière, *L'Avare*; Mérimée, *Colomba*.

GERMAN.—Freytag, *Die Journalisten*; Wildenbruch, *Das edle Blut*; Buchheim, *Deutsche Balladen*; Schiller, *Maria Stuart*.

And in 1910:—

FRENCH.—Molière, *L'Avare*; Mérimée, *Colomba*; George Sand, *La petite Fadette*; Beaumarchais, *Barbier de Séville*.

GERMAN.—Buchheim, *Deutsche Balladen*; Schiller, *Maria Stuart*; Seidel, *Leberecht Hühnchen*; Keller, *Fähnlein der sieben Aufrechten*.

(6) Mathematics on the lower standard shall comprise—(a) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest; (b) Algebra, including Fractions, Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above Equations; (c) Geometry: Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration.

(7) Mathematics on the intermediate standard shall, in addition to the subjects comprised in the lower standard, comprise—(a) Euclid: Book VI., Propositions 1—19, or Geometry equivalent thereto. (b) Algebra: Quadratic Equations, Ratio and Proportion. (c) The Trigonometry of Right-angled Triangles.

No candidate can pass on the intermediate standard who either does not, at the same time, pass on the lower standard, or has not previously passed on the lower standard.

(8) Mathematics on the higher standard shall, in addition to the subjects comprised in the lower standard, comprise Euclid, Books IV., VI., and the first twenty-one propositions of Book XI. (or their equivalents), with Deductions, Quadratic Equations, Trigonometry to the Solution of Triangles inclusive, and the use of Logarithmic Tables.

In the examination in Mathematics on the higher and intermediate and on the lower standards each question in Geometry will consist of two parts, of which one will be an easy deduction or illustrative exercise on the proposition set as bookwork.

There will be two papers in Mathematics on the higher and on the intermediate standard. The first paper will consist of questions on Geometry, and on Trigonometry, in the proportion of four-fifths Geometry and one-fifth Trigonometry. The second paper will consist of questions on Algebra (including Arithmetic), and on Trigonometry, in the proportion of four-fifths Algebra and one-fifth Trigonometry, and shall contain two or more questions on Arithmetic, of which one at least shall be taken by all candidates.

Candidates for the higher standard may obtain full marks by doing correctly about

two-thirds of the questions set in each subject ; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

The pass-mark for candidates on the intermediate standard is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the intermediate standard ; but such candidates will receive credit for any question they may answer.

The paper in Mathematics on the lower standard will be devoted to the various subjects comprised in as nearly as possible the following proportions : four-ninths to Geometry, three-ninths to Algebra, and two-ninths to Arithmetic.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each subject ; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

(9) Dynamics shall mean the Elementary Statics and Kinetics of Solids, Liquids, and Gases.

The paper on Dynamics will be directed to test the candidate's knowledge of the fundamental principles of the subjects included in it as defined above. Questions may be set which involve the Trigonometry of right-angled triangles.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each section of the paper.

(10) A candidate shall be obliged to pass in all the required subjects at one or not more than two examinations ; provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition.

IV. (1) Attendance on any course shall not qualify for graduation, unless the whole Preliminary Examination has been previously passed. But any student who has passed in Latin, Greek, or Mathematics on the higher standard may attend a qualifying course in such subject or subjects without having passed in the other subjects of the Preliminary Examination, provided always that (a) no candidate shall be allowed to present himself for a Degree Examination in any subject until he has passed the whole Preliminary Examination ; and (b) no student shall be admitted to a degree in Arts unless he has attended qualifying courses in this University, or partly in this University and partly in another Scottish University (or other University specially recognised by the University Court, after consultation with the Senatus, as provided by Section xxiii. hereof), for three sessions after he has completed his Preliminary Examination.

(2) Attendance on a course in any language included in the Preliminary Examination shall not qualify for graduation, unless the candidate has previously passed the Preliminary Examination in that subject, and on the higher standard where more than one standard is provided. He may, for that purpose, attend any Preliminary Examination held during the course of his study, taking only the paper set in that subject ; provided always that the provisions of sub-section (1) immediately preceding shall have been satisfied.

(3) Attendance on a course in any language not included in the Preliminary Examination shall not qualify for graduation, unless the candidate has previously passed an examination in that language on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination.

(4) Attendance on a course of Mathematics or Natural Philosophy shall not qualify for graduation unless the candidate has previously

TABLE OF PRELIMINARY EXAMINATIONS FOR DEGREES IN ARTS AND SCIENCE TO BE HELD DURING SESSION 1909-10.

65

Fees.	Names to be given in and Fees paid to Assistant-Clerk ¹ (Matriculation Office) Date. ²	Subject.	Dates of Examinations and Hours at which the various Papers will be set.
		English (1st Paper), Higher Latin (1st Paper), - Lower Latin, - English (2nd Paper), Intermediate and Higher Math. (1st Paper), - Lower Greek, - Higher Latin (2nd Paper), - Intermediate and Higher Math. (2nd Paper), - Lower Mathematics Higher Greek (1st Paper), - Dynamics, - Higher Greek (2nd Paper), - French (2nd Paper), German (1st Paper), German (2nd Paper), Italian (1st Paper), Italian (2nd Paper), Celtic, -	Friday, 10th September, 9 to 11 a.m. Friday, 10th September, 12 noon to 2 p.m. Friday, 10th September, 3 to 6 p.m. Saturday, 11th September, 9 to 11 a.m. Saturday, 11th September, 12 noon to 2 p.m. Saturday, 11th September, 3 to 6 p.m. Monday, 13th September, 9 to 11 a.m. Monday, 13th September, 12 noon to 2 p.m. Monday, 13th September, 3 to 6 p.m. Tuesday, 14th September, 9 to 11 a.m. Tuesday, 14th September, 12 noon to 2 p.m. Tuesday, 14th September, 3 to 6 p.m. Wednesday, 15th September, 9 to 11 a.m. Wednesday, 15th Sept., 12 noon to 2 p.m. Thursday, 15th September, 3 to 5 p.m. Thursday, 16th September, 9 to 11 a.m. Thursday, 16th September, 12 noon to 2 p.m. Thursday, 16th September, 3 to 5 p.m. Friday, 17th Sept., 9 to 11 a.m. & 12 to 2 p.m.
10s. 6d.	24th August or 2nd March.		Thursday, 24th March, 9 to 11 a.m. Thursday, 24th March, 12 noon to 2 p.m. Thursday, 24th March, 3 to 6 p.m. Saturday, 26th March, 9 to 11 a.m. Saturday, 26th March, 12 noon to 2 p.m. Saturday, 26th March, 3 to 6 p.m. Monday, 28th March, 9 to 11 a.m. Monday, 28th March, 12 noon to 2 p.m. Monday, 28th March, 3 to 6 p.m. Tuesday, 29th March, 9 to 11 a.m. Tuesday, 29th March, 12 noon to 2 p.m. Tuesday, 29th March, 3 to 6 p.m. Wednesday, 30th March, 9 to 11 a.m. Wednesday, 30th March, 12 noon to 2 p.m. Wednesday, 30th March, 3 to 5 p.m. Thursday, 31st March, 9 to 11 a.m. Thursday, 31st March, 12 noon to 2 p.m. Thursday, 31st March, 3 to 5 p.m. Friday, 1st April, 9 to 11 a.m. & 12 to 2 p.m.

¹ For Women Students, Miss Melville, Queen Margaret College.

² Late entries cannot, under any circumstances, be allowed.

passed in Mathematics on the higher standard or on the intermediate standard.

(5) If a student, before passing the Preliminary Examination, has attended a course qualifying for graduation, the Senatus may, on special cause shown, permit him to count such course as qualifying for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

V. (1) The Preliminary Examination shall be held not oftener than twice in each year,¹ under such regulations as the Senatus, with the approval of the University Court, shall from time to time determine, and shall be conducted in writing; but the regulations may prescribe that with respect to any of the subjects the written examination shall be supplemented by an oral or a practical examination.

(2) The Joint-Board of Examiners appointed under the provisions of Ordinance No. 13, General No. 8 (Regulations as to Examinations) shall have power to accept a Pass on the Higher Grade standard at the Leaving Certificate Examination of the Scotch Education Department in any subject as an equivalent for the Preliminary Examination in that subject; to accept a pass in Science at the Leaving Certificate Examination of the said Department as an equivalent for the Preliminary Examination in the subject of Dynamics; and to accept a pass on the Lower Grade standard at the Leaving Certificate Examination of the said Department as an equivalent for the Preliminary Examination on the lower standard in Latin, Greek, and Mathematics; provided they are satisfied that the standard of the examination, at which the said certificates were granted, is not lower than that required by this ordinance.

Under this sub-section the Joint Board of Examiners has resolved as follows:—For the Preliminary Examination in Arts and Science, Passes in the Higher and Honours Grade of the Leaving Certificate Examinations of the Scotch Education Department in Latin, Greek, and Mathematics will be accepted as equivalent to the higher standard in each of these subjects, as prescribed by the Arts Ordinance, and Passes in the Lower Grade or Intermediate Certificate Examinations to the lower standard;² Passes in the Higher and Honours Grade in English, in Modern Languages, and in Dynamics, will be accepted as equivalent to the standard prescribed for each of these subjects by the Arts Ordinance; a Pass in the Leaving Certificate in Science will be accepted as equivalent to the examination in the subject of Dynamics. The Regulation that all the subjects of the examination shall be passed at one or not more than two examinations shall not be held to apply to the Leaving Certificate Examinations.

(3) The Joint-Board of Examiners shall have power to determine what examinations, if any, other than the Leaving Certificate Examinations of the Scotch Education Department, may be accepted as equivalent to the

¹ For dates of Preliminary Examinations see Table on page 65.

² Passes in individual subjects in the Intermediate Examination are accepted only where the Scotch Education Department have notified to the Clerk of Senatus or Joint Board that a sufficient standard had been reached in such subjects.

Preliminary Examination in whole or in part, provided they are satisfied that such other examinations are in fact equivalent thereto.¹

Under this sub-section the Joint-Board have agreed to accept the following Examinations as exempting from the Preliminary Examination in Arts and Science, either wholly or in part :—

(a) A Degree in Arts or in Science, not being an Honorary Degree, in any of the Universities of the United Kingdom, shall exempt from the Preliminary Examination in Arts or in Science, as the case may be.

(b) A Certificate of having passed in the Honours or First Division in English in the London University Matriculation Examination will be accepted as equivalent to English in the Arts and Science Preliminary Examination; and the Joint-Board also accepts, for the Preliminary Arts and Science Examination, (1) London University Matriculation Mathematics, as equivalent to Lower Mathematics; (2) London University Matriculation Mechanics as equivalent to Dynamics; and (3) London University Intermediate Mathematics as equivalent to Intermediate and Higher Mathematics.

(c) Oxford and Cambridge Schools Examination Board. Exemption will be granted as follows :—

A Pass in *Latin or Greek* for the Lower Certificate or the 'Leaving Certificate' will be accepted for Lower Latin or Lower Greek.

A Pass in *Latin or Greek* for the Higher Certificate will be accepted for Higher Latin or Higher Greek.

A Pass in *French or German* for the Higher Certificate will be accepted for the Arts and Science Pass in these subjects respectively.

In *Mathematics*,

Elementary Mathematics of the 'Leaving Certificate.'	} Will be accepted for Lower Mathematics.
Elementary Mathematics of the Higher Certificate.	

Additional Mathematics for the 'Leaving Certificate,' if endorsed with Trigonometry.	} Will be accepted for Higher Mathematics.
Additional Mathematics for the Higher Certificate.	

Of these two, the former if not endorsed with Trigonometry will be accepted for Lower Mathematics only.

Natural Philosophy (Mechanical Division) will be accepted for Dynamics.

In *English*,

The Higher Certificate with English.

The Higher Certificate with Essay and History or Geography.	} Will be accepted for the Arts and Science Pass in English.
The 'Leaving Certificate,' with English History and Geography (the combined subject).	

¹ Applications for exemption on the ground of having passed examinations not included in the following list should be addressed to the Convener of the Board. As several Universities have to be consulted, a decision on a new case cannot be guaranteed in less time than from two to three weeks.

(d) Oxford University Local Examinations:—

(i.) Junior Local Examination:—Distinction in Mathematics (if the Candidate has passed both in Algebra and Geometry), with a Pass in Arithmetic, will exempt from Lower Mathematics.

A Pass in Higher Mathematics, if it includes Algebra and Geometry with a Pass in Arithmetic, will exempt from Lower Mathematics.

(ii.) Senior Local Examination:—A Pass in Latin will exempt from Lower Latin; a Pass in Greek will exempt from Lower Greek; Distinction in Latin will exempt from Higher Latin; Distinction in Greek will exempt from Higher Greek; Distinction in French or German will exempt from French or German respectively; a Pass in Mathematics, including Algebra and Geometry, with Arithmetic, will exempt from Lower Mathematics; a Pass in Higher Mathematics, including Algebra, Geometry, and Trigonometry, will exempt from Higher Mathematics; a Pass in English Language and Literature, History, and Geography (with Distinction in the first of the three) will exempt from English.

(iii.) Higher Local Examination:—This will be accepted *pro tanto*.

(e) Cambridge University Local Examinations:—

(i.) Junior Local Examination:—Distinction in Mathematics will exempt from Lower Mathematics, provided it includes a Pass in both Algebra and Geometry.

(ii.) Senior Local Examination:—A Pass in Latin will exempt from Lower Latin; a Pass in Greek will exempt from Lower Greek; Distinction in Latin will exempt from Higher Latin; Distinction in Greek will exempt from Higher Greek; Distinction in French or German will exempt from French or German respectively; a Pass in Algebra and Geometry will exempt from Lower Mathematics; a Pass in Mathematics, including a Pass in Algebra, Geometry, and Trigonometry, will exempt from Higher Mathematics; a Pass in English Language and Literature, History, and Geography (with Distinction in the first of the three) will exempt from English.

(iii.) Higher Local Examination:—This will be accepted *pro tanto*.

(f) British Colonies and Possessions:—

Candidates from British Colonies and Possessions who present evidence that they have passed examinations which would admit them to Universities or to Technical Colleges affiliated to a University in their home country will be exempted, provided (1) that the evidence shows that they possess a knowledge of English sufficient to follow the Lectures with profit; and (2) that before attending any class in English, any other Language, Mathematics or Natural Philosophy they shall produce evidence that they have fulfilled the conditions specified in Section IV. (2), (3), (4), of this Ordinance (p. 64).

(g) Continental Countries.—Abiturienten-Examen giving admission to German Universities, and corresponding Examinations in other Countries.

By *pro tanto* is here meant that a certificate of having passed in the Examination referred to, in any subject required for the Arts and Science Preliminary Examinations, shall, as regards that subject, exempt from further examination in the said Preliminary Examination, provided that all the required subjects shall be passed at one or not more than two examinations.

SCHOLARSHIPS AND BURSARIES.

The Arthur Scholarship of £20 for each of three years will be open to competition by Queen Margaret College Medical Students of First Year at the First Professional Examination in October, 1910. It is allowable to take part of the Examination in March, 1910. This Scholarship is the gift of Mrs. Arthur of Barshaw, and is restricted to Women Medical Students.

The following Bursaries are open to Students of both sexes:

The Mackintosh Mental Science Bursary, value about £31, tenable for one year, is open for competition annually, in June, to Matriculated Students of Medicine of either sex who have attended the Lectures on Insanity; the Bursar to continue the practical study of the subject to the satisfaction of the Faculty of Medicine.

THREE ARMAGH BURSARIES, annual value of each £52, tenable for three years in Medicine, are open to students who are presenting themselves for the Final Examination for the Degree of M.A. with Honours in the following rotation—(1) Classics, (2) Mental Philosophy, (3) Mathematics and Natural Philosophy. One open in 1909 to students taking Honours in Mental Philosophy.

THE LOGAN BURSARY in Medicine, annual value £16, tenable for four years. Open in 1909 to Students entering on their first Winter Session of study. As to examination, see *Calendar*.

THE DR. THOMAS GIBSON BURSARY, annual value £36, tenable for four years. Open to Medical Students who are preparing for service as Medical Missionaries in connection with the Church of Scotland. It is awarded to the eligible candidate who has gained the highest number of marks in the First Professional Examination. An appointment was made in 1908.

THE WILLIAM GARDINER BURSARY, annual value £14, tenable for two years, will be awarded after the Autumn Professional Examinations to the candidate who has passed in Physiology of the Second Professional Examination, and whose aggregate of marks in that subject and in Chemistry and Physics of the First Professional Examination is the highest. [Open in 1909.]

NINE GLASGOW HIGHLAND SOCIETY'S BURSARIES, for students of Highland descent; annual value of each £25, tenable five years. Candidates to take the Medical Preliminary Examination. [Two open in 1909.] Apply to Mr. Hugh Brown, C.A., 58 St. Vincent Street, before 10th August.

FIVE ANDREW AND BETHIA STEWART BURSARIES, each £50 for three years, tenable in Medicine or Law. Candidates must be M.A. of Glasgow. Special Examination. Apply to Stewart & Gillies, 204 West George St., before 1st Sept. [One open in 1909.]

TWO PRATT BURSARIES, annual value £20 each, are tenable for four years in any Faculty. Open to sons or daughters of working men residing in or belonging to the united parishes of Wiston and Robertson and the parish of Lamington. Applications to be made to the Trustees' Agents, Messrs. Fyfe, Maclean & Co., 115 St. Vincent Street, Glasgow, not later than 15th August. [Two open in 1909.]

TWO TAYLOR BURSARIES, annual value of each £10, are tenable for four years in any Faculty. [One open in 1909 and 1910 to first or second year students.]

PRIZE AND MEDAL.

THE BRUNTON MEMORIAL PRIZE of £10 is awarded annually to the most distinguished graduate in Medicine.

THE DOBBIE SMITH GOLD MEDAL, for the best description and illustration of the external characters, structure, development and processes of reproduction, with drawings and specimens, of any one of the following plants, viz. : the common mustard, the sycamore, and barley. All matriculated students of session 1909-10 may be competitors. Essays to be given in to the Principal on or before 1st December, 1909.

For 1910-11 the subject will be the same as that given above. Essays to be given in to the Principal on or before 1st December, 1910.

SCHOLARSHIPS AND FELLOWSHIPS FOR POST GRADUATE STUDY.

Scholarships and Fellowships are offered by the Carnegie Trust in Science and Medicine. For information regarding these see the *University Calendar*, pp. 180 to 190.

STUDENTS' LOAN FUND.

Loans, not exceeding £25, may be granted to students, who are daughters of professional men, either for payment of class fees or for maintenance while preparing for the teaching or other profession. Applications should be made two months before the loan is required to the Hon. Secretary of the Loan Fund Committee, Mrs. M'Callum, 7 Bute Mansions, from whom the conditions of repayment and other particulars may be obtained.

CURRICULUM OF STUDY, WITH COLLEGE AND HOSPITAL FEES.

The Class and Hospital Fees, for the subjects enjoined by Ordinance as constituting a Five Years' Course of Study and Clinical Work, will amount to about £113 8s., or, if optional classes are taken, to £123 18s.

To this fall to be added the University matriculation fees, viz., £1 1s. for each of five years, and the fees for the Degree Examinations, amounting to £23 2s.

CURRICULUM FOR M.B. AND CH.B. OF GLASGOW UNIVERSITY.

Order of Study recommended by the Senate.

Students who propose taking these Degrees may begin their medical studies either in April or in October. It is advantageous that they should commence in Summer.

FIRST YEAR.—*Summer Session*—

Physics, ...	£3	3	0
Botany, ...	4	4	0
Practical Physics and Practical Botany optional (fee £2 2s. and £3 3s. respectively), ...	—	—	£7 7 0

Winter Session—

Zoology, ...	£4	4	0
Chemistry, ...	4	4	0
Practical Chemistry, ...	5	5	0
Anatomy (Junior), ...	4	4	0
Practical Zoology optional (fee £3 3s.), ...	—	—	£17 17 0
			£25 4 0

(First Professional Examination.)

SECOND YEAR.—*Summer Session*—

Practical Anatomy, ...	£2	2	0
Practical Pharmacy, ...	3	3	0
Practical Physiology(Histology), ¹ 4	4	4	0
	—	—	£9 9 0

Winter Session—

Anatomy (Senior), ...	£4	4	0
Practical Anatomy, ...	3	3	0
Physiology, ...	4	4	0
Practical Physiology, ...	² —	—	—
	—	—	£11 11 0
			£21 0 0

¹ This fee includes Practical Physiology in the following winter session.

² The fee for Practical Physiology is included in the Histology fee for the previous summer.

THIRD YEAR.—*Summer Session*—

Practical Anatomy with Embryology, ...	£3 3 0	
Clinical Surgery (see Hospital).		
Hospital Fee, 1st year, ...	10 10 0	
		£13 13 0

Winter Session—

Materia Medica, ¹	£4 4 0	
Practical Anatomy,.	3 3 0	
Surgery, ...	4 4 0	
Clinical Surgery (see Hospital).		
		£11 11 0
		£25 4 0

(Second Professional Examination.)

FOURTH YEAR.—*Summer Session*—

Practical Pathology, ...	£3 3 0	
Medical Jurisprudence and Public Health, ...	4 4 0	
Operative Surgery, ...	2 2 0	
Clinical Medicine (see Hospital).		
Hospital Fee, final, ...	10 10 0	
		£19 19 0

Winter Session—

Pathology, ...	£4 4 0	
Medicine, ...	4 4 0	
Clinical Medicine (see Hospital).		
Midwifery, ...	4 4 0	
		£12 12 0
		£32 11 0

(Third Professional Examination.)

FIFTH YEAR.—*Summer Session*—

Diseases of the Eye and Clinique, ...	£2 2 0	
Lectures on Insanity and Clinique, ...	2 2 0	
Maternity Hospital Fee, ...	3 3 0	
Practical Midwifery (see Maternity Hospital).		
Clinical Medicine (see Hospital).		
Dispensary (see Hospital).		
Diseases of the Ear (optional, but recommended, fee £1 ls.).		
Diseases of the Skin (optional, but recommended, fee £1 ls.).		
		£7 7 0

¹ Students are strongly recommended not to take Materia Medica till the Physiological studies are completed.

Winter Session—

Clinical Medicine (see Hospital).			
Clinical Surgery (do.).			
Dispensary (do.).			
Instruction in Fevers, . . .	£1	1	0
Vaccination, ...	1	1	0
Midwifery Practice, and Specialities of Practice not previously attended to.	—	—	—
		£2	2 0
			£9 9 0
			£113 8 0

If optional classes are taken, £123 18s.

The fifth year must be devoted to practical work.

(Final Examination.)

Students who find it out of their power to begin their studies in Summer, and who enter the College at the commencement of the Winter Session, may with advantage arrange their course as follows:—

FIRST YEAR.—Winter Session—

Zoology, ...	£4	4	0
Chemistry, ...	4	4	0
Practical Chemistry, ...	5	5	0
Anatomy (Junior), ...	4	4	0
Practical Zoology optional (fee £3 3s.), ...	—	—	—
		£17	17 0

Summer Session—

Practical Anatomy, ...	£2	2	0
Physics, ...	3	3	0
Botany, ...	4	4	0
Practical Physics and Practical Botany optional (fee £2 2s. and £3 3s. respectively), ...	—	—	—
		9	9 0
			£27 6 0

(First Professional Examination.)

SECOND YEAR.—Winter Session—

Anatomy (Senior), ...	£4	4	0
Practical Anatomy, ...	3	3	0
Physiology, ...	4	4	0
Practical Physiology, ...	14	4	0
			£15 15 0

¹ This fee includes Histology in the following summer session. Students who begin their course of study in October are recommended to take the Physiology Lectures in their third winter.

Summer Session—

Practical Anatomy with Embryology, ...	£3	3	0		
Practical Physiology—Histology, ¹			—		
Practical Pharmacey, ...	3	3	0		
				£6	6 0
					£22 1 0

THIRD YEAR.—Winter Session—

Practical Anatomy, ...	£3	3	0		
Materia Medica, ...	4	4	0		
Surgery, ...	4	4	0		
Clinical Surgery (see Hospital).					
Hospital Fee, 1st year, ...	10	10	0		
				£22	1 0
(Second Professional Examination.)					

Summer Session—

Medical Jurisprudence and Public Health, ...	£4	4	0		
Practical Pathology, ...	3	3	0		
Clinical Surgery (see Hospital).					
				£7	7 0
					£29 8 0

FOURTH YEAR.—Winter Session—

Pathology, ...	£4	4	0		
Medicine, ...	4	4	0		
Clinical Medicine (see Hospital).					
Midwifery, ...	4	4	0		
Hospital Fee, final, ...	10	10	0		
				£23	2 0
(Third Professional Examination.)					

Summer Session—

Operative Surgery, ...	£2	2	0		
Diseases of the Eye and Clinique, ...	2	2	0		
Maternity Hospital Fee, ...	3	3	0		
Practical Midwifery (see Maternity Hospital).					
Clinical Medicine (see Hospital).					
Dispensary (see Hospital).					
Diseases of the Ear (optional, but recommended, fee £1 1s.).					
Diseases of the Skin (optional, but recommended, fee £1 1s.).					
				£7	7 0
					£30 9 0

¹ The fee for Histology is included in the Practical Physiology fee for the previous winter session.

FIFTH YEAR.

Lectures on Insanity and					
Clinique, ...	£2	2	0		
Clinical Medicine (see Hospital).					
Clinical Surgery (do.).					
Dispensary (do.).					
Instruction in Fevers, . . .	1	1	0		
Vaccination, ...	1	1	0		
				£4	4 0
					£113 8 0
If Optional Classes are taken, ...				£123	18 0

The fifth year must be devoted to practical work.

(Final Examination.)

REGISTERED MEDICAL WOMEN, STUDENTS IN QUEEN MARGARET COLLEGE MEDICAL SCHOOL.

Graduates marked * are engaged in private practice. Graduates marked † are acting as assistants to medical practitioners.

GRADUATES of the University of Glasgow—Degree of M.D.

- 1900 *Annie Louise McIlroy, M.B., Ch.B.—Graduated with Commendation.
Marion Jamieson Ross, M.B., Ch.B. (Mrs. Macdonald).
- 1901 *Ursula Chaplin, M.B., C.M.
- 1902 *Agnes Forbes Blackadder, M.A., M.B., Ch.B. (Mrs. Savill).
Eva McCall, M.B., Ch.B.
- 1902 *Jean Effie Prowse, M.B., Ch.B. (Mrs. Budden).
- 1904 *Daisy Annabelle Bennett, M.B., Ch.B. (Mrs. M'Gregor).
- 1905 *Sarah Davidson, M.B., Ch.B.
- 1906 Lizzie Thomson Fraser, M.B., Ch.B.—Graduated with Honours.
*Helen Mary Gordon, M.B., Ch.B. (Mrs. Clark).
Madge Speirs Maclean, M.B., Ch.B.
*Anna Pollock Martin, M.B., Ch.B.
Mary Janet Pirret, M.B., Ch.B.
- 1908 Maud Hamilton Spencer, M.B., Ch.B. (Mrs. M'Naughton).
- 1909 Mary Baird Hannay, M.B., C.M.—Graduated with Commendation.
(15)

GRADUATES of the University of Glasgow—Degrees of M.B., C.M. or M.B., Ch.B.

M.B., C.M.

- 1894 *Marion Gilchrist—(Graduated with High Commendation)—
5 Buckingham Terrace, Glasgow.
Alice Lilian Louisa Cumming (Mrs. Robson), 10 Park Terrace,
Cambridge.
Margaret Cochran Dewar (Mrs. Allan Porter), 254 Beacon Street,
Boston, U.S. America.
Elizabeth Dorothea Lyness (Mrs. Chalmers Smith), 13 Broom-
park Drive, Dennistoun, Glasgow.
- 1895 Emmeline Marie Stuart—(Graduated with Commendation),
C.M.S. Medical Mission, Julfa, Persia.
- 1896 Madge Speirs Maclean—(Graduated with Honours)—85 Beverley
Road, Hull. Medical Inspector of Schools, Hull.

- 1896 Edith Ellen Goodrich, Res. Med. Off., The Asylum, Meston, Yorkshire.
 Mary Baird Hannay, Assistant to Professor of Pathology, Royal Infirmary, Glasgow.
 *Mildred Ransome (Mrs. Sims), 13 Queen Street, Ipswich.
 Roberta Henrietta Margueretta Stewart (Mrs. Jull), Perth, West Australia.
- 1897 *Agnes Jane Anderson (Mrs. M'Laren), Oughtibridge, Sheffield.
 *Annie Kirby Anderson (Mrs. Watson), Redlands, Bloomfield Avenue, Belfast.
 *Mary Philip Graham, Hazelwood, Bridge of Weir.
 Norah Kemp, Res. Med. Off., The Retreat, York.
 Merbai Ardesir Vakil, B.A., Marine Lines, Bombay, India.
 *Ursula Chaplin, 35 Park Square, Leeds.

M.B., Ch.B.

- Jessie Hawkesworth Smith (Mrs. Beveridge), U.F. Manse, Roseneath.
 Minna Amelia Macfarlane (Mrs. Benner), Rose Villa, Killarney.
- 1898 *Daisy Annabelle Bennett (Mrs. M'Gregor), 11 Woodside Place, Glasgow.
 *Agnes Forbes Blackadder, M.A. (Mrs. Savill), 66 Harley Street, London, W.
 Mary Gardner (Mrs. Ellis), Clareview, Mount Street, Taunton.
 Jane Grant, Original Secession Medical Mission, Seoin, Chapara, C-P. India.
 Mary Longmire, C.E.Z. Mission, Khammamett, Hyderabad, India.
 Eva McCall, Medical Inspector of Schools, Burslem, near Stafford.
 Mabel Catharine Poulter, C.M.S. Med. Mission, Hok-Chiang, Fuh-kien, China.
 *Jean Effie Prowse (Mrs. Budden), Dunach, Cable Road, Hoylake, Cheshire.
 Marion Jamieson Ross, (Mrs. Macdonald), 23 Cheyne Court, Cheyne Walk, Chelsea, London.
 *Martha Jane Gilmore-Cox (Mrs.), 39 Westbank Terrace, Hillhead, Glasgow. Inspector of Midwives.
 Christina Fraser, 23 Smith Street, Hillhead, Glasgow.
 May McMullen Pearson.
 *Jane Lorimer (Mrs. Hawthorne), 63 Harley Street, London, W.
 *Annie Louise McIlroy, 23 Sandyford Place, Glasgow, Visiting Physician, Victoria Infirmary, and District Physician to Western Branch of Glasgow Maternity Hospital.

- 1898 Margaret Wallace Howie McNeil, Med. Mission, U.F.C.S., Royapuram, Madras, India.
 Agnes Renton Robson (Mrs. D. Fraser), Med. Mission, London, West Nyassa, British Central Africa.
- 1899 *Edythe Marjorie Stewart Walker—(Graduated with Commendation)—(Mrs. Lindsay), Melbourne House, Aldershot.
 Auguste Boyes, Medical Inspector of Schools, Shropshire.
 *Sarah Davidson, Ebenezerfield, Busby.
 *Jessie Downie Granger (Mrs. Evans), 75 Craven Park Road, Harlesden, Willesden, London, N.W.
 *Ina Lochhead McNeill, 24 Tettenhall Road, Wolverhampton.
 †Catherine Love Smith, Waterloo House, North Allingham, Newark, Yorkshire.
 *Sara Whiteford, 218 Stratford Road, Sparkbrook, Birmingham.
 Jessie Sophia Beatrix Hunter, Med. Off., Bracebridge Asylum, Lincoln.
 Sara Maud Robertson, (Mrs. M'Dougall. Died 1907).
 *Maud Hamilton Spencer (Mrs. McNaughton), 73 Barlow Moor Road, Didsbury, near Manchester.
- 1900 *Luey Buckley, B.Sc., (Mrs. Pinniger), 35 Park Square, Leeds.
 Daisy Annabella Murdoch Clark, B.Sc. (Mrs. Gale), Hong Kong.
 Lizzie Thomson Fraser, Scotstoun, 47 Maxwell Drive, Pollokshields, Assistant Bacteriologist, Royal Infirmary, Glasgow.
 *Helen Mary Gordon, (Mrs. Clark), 401 Old Kent Road, London.
 Mary Forbes Liston, Med. Off., Merryflatts Hospital, Govan.
 Margaret Mitchell Ritchie, Med. Off., Stobhill Hospital, Springburn, Glasgow.
 Christian Cleland Wood Smith (Mrs. Matthews), Elmwood, High Park, Ryde, Isle of Wight.
 Gertrude Florence Fleetwood Taylor (Mrs. Outram), Radlett, near London.
 Gertrude Jane Campbell, U.F. Mission Hospital, Royapuram, Madras.
 Lila Stephenson Greig, Medical Inspector of Schools for Staffordshire, 263 Tettenhall Road, Wolverhampton.
 †Jean Marion Farie Marshall, Gordon House, Derby St., Bolton.
 Agnes Brymner Sinclair (Mrs. M'Gregor), Hong Kong, China.
 *Mabel Talbot, Medical Mission, Poona, India.
- 1901 Martha Adams, Med. Off., The Infirmary, Lurgan, Ireland.
 *Mabel Hardie, 577 Finchley Road, Hampstead, London.
 *Alice Moorhouse, 47 Hereford St., Christchurch, New Zealand.
 Mary Janet Pirret, Assist. Med. Off., Royal Crichton Institute, Dumfries.

- 1901 Agnes Bankier Sloan, Mission Hospital, Gujerat, India.
 Elizabeth Macfarlane Sloan (Mrs. Chesser), Beauchamp House,
 near Gloucester.
 *Janet Bilsland Higgins, 33 High Street, Paisley.
 *Karen Margrethe Myhre, Laxevaag, Bergen, Norway.
 *Mary Emma Potter (Mrs. Hamman), Victoria West, Cape Colony,
 South Africa.
 †Elizabeth Ness MacBean Ross, c/o Dr. Aganoor, Ispahan, Persia.
 Henrietta Fraser Young (Mrs. James), 4 Grange St., Port Talbot,
 Wales.
- 1902 Edith Margaret Bryson, R.P. Mission, Eng-chawn, *via* Amoy,
 South China.
 Janet Thomson Miller, 21 Prince's Square, Strathbungo.
- 1903 *Gertrude Dorman Bostock, B.Sc.—(Graduated with Commenda-
 tion)—20 North Gardner Street, Partickhill, and Hon.
 Physician to Children, Central Dispensary, George Street,
 Glasgow.
 *Martha Hunter Scott—(Graduated with Commendation), Warr-
 nambool, Victoria, Australia.
 Jeanie Auld, (Mrs. M'Crae), Mallaig, Inverness.
 *Helen Stephen Baird, B.A. (Mrs. Cowie), Perry Street, Master-
 ton, New Zealand.
 Mary Charlotte Cameron (Mrs. Allan), Southbank, Links Road,
 Epsom.
 *Jane Campbell, Commercial Bank House, Dumbarton.
 Jessie Galloway Duncan, Assist. Med. Off. of Health, Birmingham,
 Stratheden House, 109 Pershore Road, Birmingham.
 *Kate Fraser, B.Sc., 4 Balmoral Crescent, Queen's Park, Crosshill.
 *Jane Reid Foulds Gilmour, The Crag, Duntocher.
 *Jessie Seath MacEwen (Mrs. Muir), 22 Hazlewood Road, Putney,
 London, S.W.
 *Anna Pollock Martin, 5 Alloway Place, Ayr.
 Eliza Jane Miller, U.F.C. Mission, Newchwang, Manchuria, China.
 Isabella Deane Mitchell, Irish Presbyterian Mission, Newchwang,
 Manchuria, China.
 *Mary Ann Thompson Ritchings, 27 St. Helen's Road, Swansea,
 Wales.
 *Elizabeth Helen Smith, 2 Holyrood Crescent, Assist. Phys.,
 Moncur Street Mission.
 Alice Wesley Maclean, Med. Off., Union Poorlaw Hospital, Halifax.
 *Margaret Hossack Smart, 4 Balmoral Crescent, Queen's Park,
 Crosshill.
 Edith Christine Wallace (Mrs. Burleigh), 8 Bellahouston Terrace,
 Ibrox.

- 1904 *Agnes Wallace Cameron, 7 Newton Terrace, Glasgow, Assistant Lecturer on Hygiene to Glasgow Provincial Committee.
 Bethia Shanks Alexander, Assistant to Medical Officer of Health, 20 Springbank Road, Chesterfield.
 Roberta Campbell, Zenana Mission, Ajmere, Rajputana, India.
 Ethel Macleod Lochhead (Mrs. Leitch), Edinburgh.
 *Margaret Walker Millar (Mrs. A. Cameron), 6 Dalziel Place, Edinburgh.
 Charlotte Reid Park (Mrs. Osborne), 19 Alfred Rd., Birkenhead.
 *Jessie Marie Stewart, Molesworth Street, Lismore, New South Wales.
 Annie May Yates, Assistant Medical Officer, Bermondsey; Medical Mission, Grange Road, Bermondsey, London, E.C.
 †Annie M'Caig Black, c/o Dr. Elizabeth Wilks, 24 Lower Clapton Road, Hackney, London, N.E.
 Margaret Hardy, Inch, Bathgate (died 1906).
 Jane Hamilton M'Iroy, M.A., B.Sc. (M'Cunn Research Scholar and Barbour Scholar), 23 Sandyford Place, Glasgow.
 †Janet Gardner Waddell, 6 Wellmeadow, Paisley.
- 1905 Jeannie Thomson Clark—(Graduated with Commendation)—(Mrs. Gilmour), Graaf Reinet, Cape Colony, South Africa.
 *Annie Agnes Baird, M.A., Spey Street, Invercargill, New Zealand.
 Ethel Lily Chapman (Mrs. Stanley), Med. Mission, Jerusalem.
 *Mary Theresa Gallagher (Mrs. S. J. Moore), 27 Buckingham Terrace, Glasgow.
 Jane Reid Shaw, Resident Medical Officer of Burnley Union, Burnley, Lancashire.
 Lily Smellie (Mrs. Clark), 24 Park Gardens, Broomhill, Glasgow.
 Elizabeth Taylor Talbert (Mrs. Macfarlane Wright), U.F. Manse, Busby.
 *Jane Stark McLauchlan, Smithfield, Albert Road, Langside, Junior Assistant Electrician, Royal Infirmary.
 Margaret Elizabeth McNell, Medical Mission, Ewenchangtau, Manchuria.
 Mary Lanchline McNeill, U.F. Manse, Holm West, Kirkwall, Orkney.
 Ethel Jane Mildred Pryce, St. Aidan's Mission House, Durban, Natal, South Africa.
 Mary Spence, Med. Off., Women's Hospital, Derby.
- 1906 Elizabeth Mand McVail, Hatfield Drive, Kelvinside, Glasgow.
 Florence Mann, Assistant to Medical Officer of Health, Glasgow.
 Edith Oversby, Assistant Medical Inspector of Schools under Worcester County Council.

- 1906 Agnes Picken, M.A., Muirhead, Baillieston, Glasgow, Demonstrator of Anatomy, Queen Margaret College Medical School.
 †Vera Dagmar Reis, c/o Dr. Davies, The Firs, Llantriffan, Glamorgan.
 Annie Rennie Hird, Bruntsfield, Uddingston.
 Rose Isobel Hudson, 7 Learmonth Terrace, Edinburgh.
 Christina Gibson Thomlinson, Dungoyne, Thorn Road, Bearsden.
- 1907 Jeannie Montgomery Andrew, Med. Off., Western Branch of Maternity Hospital, Glasgow.
 Martha Maclean Buchan (Mrs. A. Wilson), Prescott Road, St. Helens, Lancashire.
 Margaret Gardner Forrest, Res. Med. Off., Rousay, Orkney.
 †Ella Smith Hill, M.A., Parkburn House, Kilsyth.
 Annie M'Crorie, Resident House Physician, Samaritan Hospital, Glasgow.
 †Janet Annie Macvea, Wanlockhead, Leadhills, Lanarkshire.
 Jessie Deans Rankin, M.A., B.Sc. (Mrs. C. Macfie Campbell), Ward's Island, New York.
 Jane Isabel Robertson, M.A., Resident House Surgeon, Samaritan Hospital, Glasgow.
 Margaret Baillie Taylor, House Surgeon, Elder Hospital, Govan.
- 1908 Margaret Baird Sproul Darroch.
 Jessie Capie Russell—Graduated with Commendation.
 Katharine Robina Margaret Lucas.
 Jeanie Hinshaw Stewart.
- 1909 Margaret Eason Robertson—Graduated with Commendation.
 Florence Ann Gallagher.
 Euphemia Adamson Hay.
 Jeanie Douglas McWhirter, M.A.
 Mary Cochran Mitchell.
 Jessie Deans Rankin.
 Winifred Margaret Ross.
 Ethelwyn Mary Walters.

(141)

DIPLOMA in Public Health (D.P.H. Camb.).

Alice Lilian Louisa Cumming (Mrs. Robson), M.B., Ch.B.
 Lila Stephenson Greig, M.B., Ch.B.

(2)

LICENTIATES of the Conjoint Examination of the Royal College of Physicians and Royal College of Surgeons of Edinburgh and the Faculty of Physicians and Surgeons of Glasgow (L.R.C.P. and S., Ed., and L.F.P. and S., G.)

- 1893 Catherine Howie (Mrs. Meston), (died 1905).
 Katherine Kirk Paton (Mrs. Stobie), Kai Yuan, Newchwang,
 Manchuria.
 Jennie Russell Wells—M.D. Brux.—(Mrs. Macphail), Medical
 Mission, Chakai Moughr, Bengal.
 Susan Campbell, Medical Mission, U.F.C.S., Ajmere, Rajputana,
 India.
- 1894 Mary Campbell Horner, Medical Mission, U.F.C.S., Mukden,
 Manchuria.
- 1894 Amy Gordon Lillingston, Medical Mission, C.E.E.M.S., Banga-
 lore, India.
- 1895 Henrietta Kate Cornford—M.D. Brux.—(Mrs. Trevithick),
 Gesireh Palace Gardens, Cairo, Egypt.
- 1897 *Jane Boyes, 7 Union Place, Rutherglen.
 Ursula Chaplin. (See also M.B. List.)
- 1898 Lucy Buckley (Mrs. Pinniger). (See also M.B. List.)
- 1899 Louisa Fox—M.D. Brux., L.M. Dublin—c/o B. Fox, Esq.,
 District Judge, Hissar, India.
 Margaret Elizabeth McNeill. (See also M.B. List.)
- 1900 *Ellen S. Macdonald, 52 High Street, Inverness.
 *Alice Miles (Mrs. Kirke), The Manse, Ryan Street, Charters
 Towers, Queensland, Australia.
- 1903 *Katherine Mary Chapman, 5 Buckingham Terrace, Glasgow,
 Assistant Medical Electrician, Royal Infirmary.
- 1907 Effie Cassels, Resident House Surgeon, Samaritan Hospital,
 Glasgow.
 Phiroza Behramji Malabari.

(17)

LICENTIATES in Dental Surgery of the Faculty of Physicians
 and Surgeons of Glasgow.

- 1901 *Minnie Simmers, Portsoy.
- 1904 *Annie Bark, 54 Rodney Street, Liverpool.
- 1905 *Ceinwen Saron Jones, 54 Rodney Street, Liverpool.
 *Mary L. Wands, (Mrs.), 218 Bath Street, Glasgow,
 *Jane Campbell, M.B., Ch.B., Commercial Bank House, Dumbarton.

(5)

HALL OF RESIDENCE FOR STUDENTS.

A House of Residence for women students, Queen Margaret Hall, situated near the College, was opened in October, 1894. For information regarding terms, etc., see separate prospectus, which may be obtained from Miss MELVILLE, Queen Margaret College, Glasgow, or from the Warden, Miss SPENS, Queen Margaret Hall, Bute Gardens, Glasgow.

REGISTER OF LODGINGS FOR WOMEN STUDENTS.

By authority of the Senate of the University of Glasgow a list of lodgings suitable for women students has been printed, and may be had from the Mistress, MISS MELVILLE, Queen Margaret College.

STUDENTS' SOCIETIES.

Queen Margaret College Students' Representative Council.

Hon. Secretary—Miss E. R. THOMSON, 15 Broomhill Terrace,
Partick.

Queen Margaret College Students' Union.

Hon. Secretary—MISS MARGARET TAYLOR, Ravenswood,
Castlehead, Paisley.

Resident Secretary—MRS. NIVEN, Buckingham Terrace.

Queen Margaret College Literary and Debating Society.

Hon. Secretary—MISS BARBARA MACFARLANE, 32 Clifford Street,
Ibroy.

Queen Margaret College Christian Union.

Hon. Secretaries— { *Arts*, MISS C. MACKINNON.
 { *Medicine*, MISS E. HEWLETT.

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Queen Margaret College Branch of the Student Volunteer
Missionary Union.

Hon. Secretary—MISS JOSEPHINE WOODS, Queen Margaret Hall.

Queen Margaret College Medical Club.

Hon. Secretary—MISS E. ADAMSON HAY, 62 Great George Street.

Queen Margaret College Settlement Association.

Hon. Secretaries— { Miss LUCY GAIRDNER, Parklea, Blane-field.
 { Miss H. O. LINDSAY, 1 Park Gate.

Wardens (Resident)—{ Miss Marion Rutherford, Queen Margaret
Settlement, 77 Port Street, Anderson.
Miss Harrison, " "

Queen Margaret College Conservative Club.

Hon. Secretary—MISS GEORGINA SCOTT, 152 Hyndland Road.

Queen Margaret College Liberal Club.

Hon. Secretary—MISS ELSIE H. MACKINTOSH, 19 Roxburgh
Street, Kelvinside.

Queen Margaret College Socialist Club.

Hon. Secretary—

Association of Women Graduates of Glasgow University.

Hon. Secretary—Miss I. M. MILLIGAN, M. A., 18 Belmont Gardens.
 near Mansfield College.

Queen Margaret College Hockey Club.

Hon. Secretary—MISS MAUD MILLEN, 1 St. James' Street, Hillhead.



TABLE(S)
RUN INTO
GUTTER